pollution prevention or waste minimization measures;

- (iv) A comparison of reductions in the amounts and/or toxicity of hazardous wastes combusted after installation of pollution prevention or waste minimization measures to the amounts and/or toxicity of hazardous wastes combusted prior to the installation of these measures. If the difference is less than a fifteen percent reduction, include a comparison to pollution prevention and waste minimization reductions recorded during the previous five years;
- (v) Reasonable documentation that installation of the pollution prevention or waste minimization changes will not result in a net increase (except for documented increases in production) of hazardous constituents released to the environment through other emissions, wastes or effluents:
- (vi) Reasonable documentation that the design and installation of waste minimization and other measures that are necessary for compliance with the emission standards and operating requirements of this subpart cannot otherwise be installed within the three year compliance period, and
- (vii) The information required in §63.6(i)(6)(i)(B) through (D).
- (2) You may enclose documentation prepared under an existing State-required pollution prevention program that contains the information prescribed in paragraph (b) of this section with a request for extension in lieu of complying with the time extension requirements of that paragraph.
- (c) Approval of request for extension of compliance date. Based on the information provided in any request made under paragraph (a) of this section, the Administrator or State with an approved title V program may grant an extension of the compliance date of this subpart. The extension will be in writing in accordance with §§ 63.6(i)(10)(i) through 63.6(i)(10)(v)(A).

[57 FR 61992, Dec. 29, 1992, as amended at 67 FR 6994, Feb. 14, 2002; 67 FR 77691, Dec. 19, 2002]

## § 63.1214 Implementation and enforcement.

(a) This subpart can be implemented and enforced by the U.S. EPA, or a delegated authority such as the applicable State, local, or Tribal agency. If the U.S. EPA Administrator has delegated authority to a State, local, or Tribal agency, then that agency, in addition to the U.S. EPA, has the authority to implement and enforce this subpart. Contact the applicable U.S. EPA Regional Office to find out if this subpart is delegated to a State, local, or Tribal agency.

- (b) In delegating implementation and enforcement authority of this subpart to a State, local, or Tribal agency under subpart E of this part, the authorities contained in paragraph (c) of this section are retained by the Administrator of U.S. EPA and cannot be transferred to the State, local, or Tribal agency.
- (c) The authorities that cannot be delegated to State, local, or Tribal agencies are as specified in paragraphs (c)(1) through (4) of this section.
- (1) Approval of alternatives to requirements in  $\S 63.1200$ , 63.1203, 63.1204, 63.1205, 63.1206(a), 63.1215, 63.1216, 63.1217, 63.1218, 63.1219, 63.1220, and 63.1221.
- (2) Approval of major alternatives to test methods under §§63.7(e)(2)(ii) and (f), 63.1208(b), and 63.1209(a)(1), as defined under §63.90, and as required in this subpart.
- (3) Approval of major alternatives to monitoring under §§63.8(f) and 63.1209(a)(5), as defined under §63.90, and as required in this subpart.
- (4) Approval of major alternatives to recordkeeping and reporting under §§ 63.10(f) and 63.1211(a) through (c), as defined under §63.90, and as required in this subpart.

[68 FR 37356, June 23, 2003, as amended at 70 FR 59555, Oct. 12, 2005]

# § 63.1215 What are the health-based compliance alternatives for total chlorine?

(a) General—(1) Overview. You may establish and comply with health-based compliance alternatives for total chlorine under the procedures prescribed in this section for your hazardous waste combustors other than hydrochloric acid production furnaces. You may

comply with these health-based compliance alternatives in lieu of the emission standards for total chlorine provided under §§ 63.1216, 63.1217, 63.1219, 63.1220, and 63.1221. To identify and comply with the limits, you must:

- (i) Identify a total chlorine emission concentration (ppmv) expressed as chloride (Cl(-)) equivalent for each on site hazardous waste combustor. You may select total chlorine emission concentrations as you choose to demonstrate eligibility for the risk-based limits under this section, except as provided by paragraph (b)(7) of this section;
- (ii) Apportion the total chlorine emission concentration between HCl and  $\text{Cl}_2$  according to paragraph (b)(6)(i) of this section, and calculate HCl and  $\text{Cl}_2$  emission rates (lb/hr) using the gas flowrate and other parameters from the most recent regulatory compliance test.
- (iii) Calculate the annual average HCl-equivalent emission rate as prescribed in paragraph (b)(2) of this section
- (iv) Perform an eligibility demonstration to determine if your HCl-equivalent emission rate meets the national exposure standard and thus is below the annual average HCl-equivalent emission rate limit, as prescribed by paragraph (c) of this section;
- (v) Submit your eligibility demonstration for review and approval, as prescribed by paragraph (e) of this section, which must include information to ensure that the 1-hour average HClequivalent emission rate limit is not exceeded, as prescribed by paragraph (d) of this section;
- (vi) Demonstrate compliance with the annual average HCl-equivalent emission rate limit during the comprehensive performance test, as prescribed by the testing and monitoring requirements under paragraph (e) of this section;
- (vii) Comply with compliance monitoring requirements, including establishing feedrate limits on total chlorine and chloride, and operating parameter limits on emission control equipment, as prescribed by paragraph (f) of this section; and

- (viii) Comply with the requirements for changes, as prescribed by paragraph (h) of this section.
- (2) *Definitions*. In addition to the definitions under §63.1201, the following definitions apply to this section:

1-Hour Average HCl-Equivalent Emission Rate means the HCl-equivalent emission rate (lb/hr) determined by equating the toxicity of chlorine to HCl using aRELs as the health risk metric for acute exposure.

1-Hour Average HCl-Equivalent Emission Rate Limit means the HCl-equivalent emission rate (lb/hr) determined by equating the toxicity of chlorine to HCl using aRELs as the health risk metric for acute exposure and which ensures that maximum 1-hour average ambient concentrations of HCl-equivalents do not exceed a Hazard Index of 1.0, rounded to the nearest tenths decimal place (0.1), at an off-site receptor location.

Acute Reference Exposure Level (aREL) means health thresholds below which there would be no adverse health effects for greater than once in a lifetime exposures of one hour. ARELs are developed by the California Office of Health Hazard Assessment and are available at http://www.oehha.ca.gov/air/acute\_rels/acuterel.html.

Annual Average HCl-Equivalent Emission Rate means the HCl-equivalent emission rate (lb/hr) determined by equating the toxicity of chlorine to HCl using RfCs as the health risk metric for long-term exposure.

Annual Average HCl-Equivalent Emission Rate Limit means the HCl-equivalent emission rate (lb/hr) determined by equating the toxicity of chlorine to HCl using RfCs as the health risk metric for long-term exposure and which ensures that maximum annual average ambient concentrations of HCl equivalents do not exceed a Hazard Index of 1.0, rounded to the nearest tenths decimal place (0.1), at an off-site receptor location.

Hazard Index (HI) means the sum of more than one Hazard Quotient for multiple substances and/or multiple exposure pathways. In this section, the Hazard Index is the sum of the Hazard Quotients for HCl and chlorine.

Hazard Quotient (HQ) means the ratio of the predicted media concentration of

a pollutant to the media concentration at which no adverse effects are expected. For chronic inhalation exposures, the HQ is calculated under this section as the air concentration divided by the RfC. For acute inhalation exposures, the HQ is calculated under this section as the air concentration divided by the aREL.

Look-up table analysis means a risk screening analysis based on comparing the HCl-equivalent emission rate from the affected source to the appropriate HCl-equivalent emission rate limit specified in Tables 1 through 4 of this section.

Reference Concentration (RfC) means an estimate (with uncertainty spanning perhaps an order of magnitude) of a continuous inhalation exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious effects during a lifetime. It can be derived from various types of human or animal data, with uncertainty factors generally applied to reflect limitations of the data used.

- (b) HCl-equivalent emission rates. (1) You must express total chlorine emission rates for each hazardous waste combustor as HCl-equivalent emission rates.
- (2) Annual average rates. You must calculate annual average toxicity-weighted HCl-equivalent emission rates for each combustor as follows:

 $ER_{LTtw} = ER_{HCl} + ER_{Cl_2} \times (RfC_{HCl}/RfC_{Cl_2})$ 

Where:

ER<sub>LTtw</sub> is the annual average HCl toxicityweighted emission rate (HCl-equivalent emission rate) considering long-term exposures. lb/hr

 $\mathrm{ER}_{\mathrm{HCl}}$  is the emission rate of HCl in lbs/hr  $\mathrm{ER}_{\mathrm{Cl}_2}$  is the emission rate of chlorine in lbs/hr

 $RfC_{HCl}$  is the reference concentration of HCl  $RfC_{Cl_2}$  is the reference concentration of chlorine

(3) 1-hour average rates. You must calculate 1-hour average toxicity-weighted HCl-equivalent emission rates for each combustor as follows:

 $\mathrm{ER}_{\mathrm{STtw}} = \mathrm{ER}_{\mathrm{HCl}} + \mathrm{ER}_{\mathrm{Cl}_2} \times (\mathrm{aREL}_{\mathrm{HCl}}/\mathrm{aREL}_{\mathrm{Cl}_2})$ 

Where:

 $ER_{STtw}$  is the 1-hour average HCl-toxicity-weighted emission rate (HCl-equivalent

emission rate) considering 1-hour (short-term) exposures, lb/hr

 $\mathrm{ER}_{\mathrm{HCl}}$  is the emission rate of HCl in lbs/hr  $\mathrm{ER}_{\mathrm{Cl_2}}$  is the emission rate of chlorine in lbs/hr

 $aREL_{HCl}$  is the aREL for HCl  $aREL_{Cl_2}$  is the aREL for chlorine

- (4) You must use the RfC values for hydrogen chloride and chlorine found at http://epa.gov/ttn/atw/toxsource/ summary.html.
- (5) You must use the aREL values for hydrogen chloride and chlorine found at <a href="http://www.oehha.ca.gov/air/acute-rels/acuterel.html">http://www.oehha.ca.gov/air/acute-rels/acuterel.html</a>.
- (6)  $\overline{Cl_2HCl}$  ratios—(i) Ratio for calculating annual average HCl-equivalent emission rates. (A) To calculate the annual average HCl-equivalent emission rate (lb/hr) for each combustor, you must apportion the total chlorine emission concentration (ppmv chloride ( $Cl^{(-)}$ ) equivalent) between HCl and chlorine according to the historical average  $Cl_2/HCl$  volumetric ratio for all regulatory compliance tests.
- (B) You must calculate HCl and  $\text{Cl}_2$  emission rates (lb/hr) using the apportioned emission concentrations and the gas flowrate and other parameters from the most recent regulatory compliance test.
- (C) You must calculate the annual average HCl-equivalent emission rate using these HCl and  $\text{Cl}_2$  emission rates and the equation in paragraph (b)(2) of this section.
- (ii) Ratio for calculating 1-hour average HCl-equivalent emission rates. (A) To calculate the 1-hour average HCl-equivalent emission rate for each combustor as a criterion for you to determine under paragraph (d) of this section if an hourly rolling average feedrate limit on total chlorine and chloride may be waived, you must apportion the total chlorine emission concentration (ppmv chloride (Cl $^{(\cdot)}$ ) equivalent) between HCl and chlorine according to the historical highest Cl $_2$ /HCl volumetric ratio for all regulatory compliance tests.
- (B) You must calculate HCl and  $\text{Cl}_2$  emission rates (lb/hr) using the apportioned emission concentrations and the gas flowrate and other parameters from the most recent regulatory compliance test.
- (C) You must calculate the 1-hour average HCl-equivalent emission rate

using these HCl and  $\text{Cl}_2$  emission rates and the equation in paragraph (b)(3) of this section.

- (iii) Ratios for new sources. (A) You must use engineering information to estimate the Cl<sub>2</sub>/HCl volumetric ratio for a new source for the initial eligibility demonstration.
- (B) You must use the Cl<sub>2</sub>/HCl volumetric ratio demonstrated during the initial comprehensive performance test to demonstrate in the Notification of Compliance that your HCl-equivalent emission rate does not exceed your HCl-equivalent emission rate limit.
- (C) When approving the test plan for the initial comprehensive performance test, the permitting authority will establish a periodic testing requirement, such as every 3 months for 1 year, to establish a record of representative Cl<sub>2</sub>/HCl volumetric ratios.
- (1) You must revise your HCl-equivalent emission rates and HCl-equivalent emission rate limits after each such test using the procedures prescribed in paragraphs (b)(6)(i) and (ii) of this section
- (2) If you no longer are eligible for the health-based compliance alternative, you must notify the permitting authority immediately and either:
- (i) Submit a revised eligibility demonstration requesting lower HCl-equivalent emission rate limits, establishing lower HCl-equivalent emission rates, and establishing by downward extrapolation lower feedrate limits for total chlorine and chloride; or
- (ii) Request a compliance schedule of up to three years to demonstrate compliance with the emission standards under §§ 63.1216, 63.1217, 63.1219, 63.1220, and 63.1221.
- (iv) Unrepresentative or inadequate historical  $Cl_2/HCl$  volumetric ratios. (A) If you believe that the  $Cl_2/HCl$  volumetric ratio for one or more historical regulatory compliance tests is not representative of the current ratio, you may request that the permitting authority allow you to screen those ratios from the analysis of historical ratios.
- (B) If the permitting authority believes that too few historical ratios are available to calculate a representative average ratio or establish a maximum ratio, the permitting authority may re-

- quire you to conduct periodic testing to establish representative ratios.
- (v) Updating Cl<sub>2</sub>/HCl ratios. You must include the Cl<sub>2</sub>/HCl volumetric ratio demonstrated during each performance test in your data base of historical Cl<sub>2</sub>/HCl ratios to update the ratios you establish under paragraphs (b)(6)(i) and (ii) of this section for subsequent calculations of the annual average and 1-hour average HCl-equivalent emission rates.
- (7) Emission rates are capped. The hydrogen chloride and chlorine emission rates you use to calculate the HCl-equivalent emission rate limit for incinerators, cement kilns, and lightweight aggregate kilns must not result in total chlorine emission concentrations exceeding:
- (i) For incinerators that were existing sources on April 19, 1996: 77 parts per million by volume, combined emissions, expressed as chloride (Cl<sup>(-)</sup>) equivalent, dry basis and corrected to 7 percent oxygen;
- (ii) For incinerators that are new or reconstructed sources after April 19, 1996: 21 parts per million by volume, combined emissions, expressed as chloride (Cl<sup>(-)</sup>) equivalent, dry basis and corrected to 7 percent oxygen;
- (iii) For cement kilns that were existing sources on April 19, 1996: 130 parts per million by volume, combined emissions, expressed as chloride (Cl<sup>(-)</sup>) equivalent, dry basis and corrected to 7 percent oxygen;
- (iv) For cement kilns that are new or reconstructed sources after April 19, 1996: 86 parts per million by volume, combined emissions, expressed as chloride (Cl<sup>(-)</sup>) equivalent, dry basis and corrected to 7 percent oxygen;
- (v) For lightweight aggregate kilns that were existing sources on April 19, 1996: 600 parts per million by volume, combined emissions, expressed as chloride (Cl<sup>(-)</sup>) equivalent, dry basis and corrected to 7 percent oxygen;
- (vi) For lightweight aggregate kilns that are new or reconstructed sources after April 19, 1996: 600 parts per million by volume, combined emissions, expressed as chloride (Cl<sup>(-)</sup>) equivalent, dry basis and corrected to 7 percent oxygen.
- (c) Eligibility demonstration—(1) General. (i) You must perform an eligibility

#### § 63.1215

demonstration to determine whether the total chlorine emission rates you select for each on-site hazardous waste combustor meet the national exposure standards using either a look-up table analysis prescribed by paragraph (c)(3) of this section, or a site-specific compliance demonstration prescribed by paragraph (c)(4) of this section.

- (ii) You must also determine in your eligibility demonstration whether each combustor may exceed the 1-hour HCl-equivalent emission rate limit absent an hourly rolling average limit on the feedrate of total chlorine and chloride, as provided by paragraph (d) of this section.
- (2) Definition of eligibility. (i) Eligibility for the risk-based total chlorine standard is determined by comparing the annual average HCl-equivalent emission rate for the total chlorine emission rate you select for each combustor to the annual average HCl-equivalent emission rate limit.
- (ii) The annual average HCl-equivalent emission rate limit ensures that the Hazard Index for chronic exposure from HCl and chlorine emissions from all on-site hazardous waste combustors is less than or equal to 1.0, rounded to the nearest tenths decimal place (0.1), for the actual individual most exposed to the facility's emissions, considering off-site locations where people reside and where people congregate for work, school, or recreation.
- (iii) Your facility is eligible for the health-based compliance alternative for total chlorine if either:
- (A) The annual average HCl-equivalent emission rate for each on-site hazardous waste combustor is below the appropriate value in the look-up table determined under paragraph (c)(3) of this section; or
- (B) The annual average HCl-equivalent emission rate for each on-site hazardous waste combustor is below the

- annual average HCl-equivalent emission rate limit you calculate based on a site-specific compliance demonstration under paragraph (c)(4) of this section.
- (3) Look-up table analysis. Look-up tables for the eligibility demonstration are provided as Tables 1 and 2 to this section.
- (i) Table 1 presents annual average HCl-equivalent emission rate limits for sources located in flat terrain. For purposes of this analysis, flat terrain is terrain that rises to a level not exceeding one half the stack height within a distance of 50 stack heights.
- (ii) Table 2 presents annual average HCl-equivalent emission rate limits for sources located in simple elevated terrain. For purposes of this analysis, simple elevated terrain is terrain that rises to a level exceeding one half the stack height, but that does not exceed the stack height, within a distance of 50 stack heights.
- (iii) To determine the annual average HCl-equivalent emission rate limit for a source from the look-up table, you must use the stack height and stack diameter for your hazardous waste combustors and the distance between the stack and the property boundary.
- (iv) If any of these values for stack height, stack diameter, and distance to nearest property boundary do not match the exact values in the look-up table, you must use the next lowest table value.
- (v) Adjusted HCl-equivalent emission rate limit for multiple on-site combustors.

  (A) If you have more than one hazardous waste combustor on site, the sum across all hazardous waste combustors of the ratio of the adjusted HCl-equivalent emission rate limit to the HCl-equivalent emission rate limit provided by Tables 1 or 2 cannot exceed 1.0, according to the following equation:

# $\sum_{i=1}^{n} \frac{HC1\text{-Equivalent Emission Rate Limit Adjusted}_{i}}{HCI\text{-Equivalent Emission Rate Limit Table}_{i}} \leq 1.0$

Where:

i = number of on-site hazardous waste combustors:

- HCl-Equivalent Emission Rate Limit Adjusted, means the apportioned, allowable HCl-equivalent emission rate limit for combustor i, and
- HCl-Equivalent Emission Rate Limit Table, means the HCl-equivalent emission rate limit from Table 1 or 2 to  $\S63.1215$  for combustor i.
- (B) The adjusted HCl-equivalent emission rate limit becomes the HCl-equivalent emission rate limit.
- (4) Site-specific compliance demonstration. (i) You may use any scientificallyaccepted peer-reviewed risk assessment methodology for your site-specific compliance demonstration to calculate an annual average HCl-equivalent emission rate limit for each on-site hazardous waste combustor. An example of one approach for performing the demonstration for air toxics can be found in the EPA's "Air Toxics Risk Assessment Reference Library, Volume 2, Site-Specific Risk Assessment Technical Resource Document," which may be obtained through the EPA's Air Toxics Web site at http://www.epa.gov/ ttn/fera/risk atra main.html.
- (ii) The annual average HCl-equivalent emission rate limit is the HCl-equivalent emission rate that ensures that the Hazard Index associated with maximum annual average exposures is not greater than 1.0 rounded to the nearest tenths decimal place (0.1).
- (iii) To determine the annual average HCl-equivalent emission rate limit, your site-specific compliance demonstration must, at a minimum:
- (A) Estimate long-term inhalation exposures through the estimation of annual or multi-year average ambient concentrations;
- (B) Estimate the inhalation exposure for the actual individual most exposed to the facility's emissions from hazardous waste combustors, considering off-site locations where people reside and where people congregate for work, school, or recreation;
- (C) Use site-specific, quality-assured data wherever possible;
- (D) Use health-protective default assumptions wherever site-specific data are not available, and:
- (E) Contain adequate documentation of the data and methods used for the assessment so that it is transparent and can be reproduced by an experi-

- enced risk assessor and emissions measurement expert.
- (iv) Your site-specific compliance demonstration need not:
- (A) Assume any attenuation of exposure concentrations due to the penetration of outdoor pollutants into indoor exposure areas:
- (B) Assume any reaction or deposition of the emitted pollutants during transport from the emission point to the point of exposure.
- (d) Assurance that the 1-hour HClequivalent emission rate limit will not be exceeded. To ensure that the 1-hour HCl-equivalent emission rate limit will not be exceeded when complying with the annual average HCl-equivalent emission rate limit, you must establish a 1-hour average HCl-equivalent emission rate for each combustor, establish a 1-hour average HCl-equivalent emission rate limit for each combustor, and consider site-specific factors including prescribed criteria to determine if the 1-hour average HCl-equivalent emission rate limit may be exceeded absent an hourly rolling average limit on the feedrate of total chlorine and chloride. If the 1-hour average HCl-equivalent emission rate limit may be exceeded, you must establish an hourly rolling average feedrate limit on total chlorine as provided by paragraph (f)(3) of this section.
- (1) 1-hour average HCl-equivalent emission rate. You must calculate the 1-hour average HCl-equivalent emission rate from the total chlorine emission concentration you select for each source as prescribed in paragraph (b)(6)(ii)(C) of this section.
- (2) 1-hour average HCl-equivalent emission rate limit. You must establish the 1-hour average HCl-equivalent emission rate limit for each affected source using either a look-up table analysis or site-specific analysis:
- (i) Look-up table analysis. Look-up tables are provided for 1-hour average HCl-equivalent emission rate limits as Table 3 and Table 4 to this section. Table 3 provides limits for facilities located in flat terrain. Table 4 provides limits for facilities located in simple elevated terrain. You must use the Tables to establish 1-hour average HCl-equivalent emission rate limits as prescribed in paragraphs (c)(3)(iii) through

#### § 63.1215

(c)(3)(v) of this section for annual average HCl-equivalent emission rate limits.

- (ii) Site-specific analysis. The 1-hour average HCl-equivalent emission rate limit is the HCl-equivalent emission rate that ensures that the Hazard Index associated with maximum 1-hour average exposures is not greater than 1.0 rounded to the nearest tenths decimal place (0.1). You must follow the risk assessment procedures under paragraph (c)(4) of this section to estimate short-term inhalation exposures through the estimation of maximum 1-hour average ambient concentrations.
- (3) Criteria for determining whether the 1-hour HCl-equivalent emission rate may be exceeded absent an hourly rolling average limit on the feedrate of total chlorine and chloride. An hourly rolling average feedrate limit on total chlorine and chloride is waived if you determine considering the criteria listed below that the long-term feedrate limit (and averaging period) established under paragraph (c)(4)(i) of this section will also ensure that the 1-hour average HCl-equivalent emission rate will not exceed the 1-hour average HCl-equivalent emission rate limit you calculate for each combustor.
- (i) The ratio of the 1-hour average HCl-equivalent emission rate based on the total chlorine emission rate you select for each hazardous waste combustor to the 1-hour average HCl-equivalent emission rate limit for the combustor; and
- (ii) The potential for the source to vary total chlorine and chloride feedrates substantially over the averaging period for the feedrate limit established under paragraph (c)(4)(i) of this section.
- (e) Review and approval of eligibility demonstrations—(1) Content of the eligibility demonstration—(i) General. The eligibility demonstration must include the following information, at a minimum:
- (A) Identification of each hazardous waste combustor combustion gas emission point (e.g., generally, the flue gas stack):
- (B) The maximum and average capacity at which each combustor will operate, and the maximum rated capacity for each combustor, using the metric of

- stack gas volume (under both actual and standard conditions) emitted per unit of time, as well as any other metric that is appropriate for the combustor (e.g., million Btu/hr heat input for boilers; tons of dry raw material feed/hour for cement kilns);
- (C) Stack parameters for each combustor, including, but not limited to stack height, stack diameter, stack gas temperature, and stack gas exit velocity:
- (D) Plot plan showing all stack emission points, nearby residences and property boundary line;
- (E) Identification of any stack gas control devices used to reduce emissions from each combustor;
- (F) Identification of the RfC values used to calculate annual average HCl-equivalent emission rates and the aREL values used to calculate 1-hour average HCl-equivalent emission rates;
- (G) Calculations used to determine the annual average and 1-hour average HCl-equivalent emission rates and rate limits, including calculation of the Cl<sub>2</sub>/ HCl ratios as prescribed by paragraph (b)(6) of this section;
- (ii) Additional content to implement the annual average HCl-equivalent emission rate limit. You must include the following in your eligibility demonstration to implement the annual average HCl-equivalent emission rate limit:
- (A) For incinerators, cement kilns, and lightweight aggregate kilns, calculations to confirm that the annual average HCl-equivalent emission rate that you calculate from the total chlorine emission rate you select for each combustor does not exceed the limits provided by paragraph (b)(7) of this section;
- (B) Comparison of the annual average HCl-equivalent emission rate limit for each combustor to the annual average HCl-equivalent emission rate for the total chlorine emission rate you select for each combustor;
- (C) The annual average HCl-equivalent emission rate limit for each hazardous waste combustor, and the limits on operating parameters required under paragraph (g)(1) of this section;
- (D) Determination of the long-term chlorine feedrate limit, including the total chlorine system removal efficiency for sources that establish an (up

- to) annual rolling average feedrate limit under paragraph (g)(2)(ii) of this section:
- (iii) Additional content to implement the 1-hour average HCl-equivalent emission rate limit. You must include the following in your eligibility demonstration to implement the 1-hour average HCl-equivalent emission rate limit:
- (A) Determination of whether the combustor may exceed the 1-hour HCl-equivalent emission rate limit absent an hourly rolling average chlorine feedrate limit, including:
- (1) Determination of the 1-hour average HCl-equivalent emission rate from the total chlorine emission rate you select for the combustor;
- (2) Determination of the 1-hour average HCl-equivalent emission rate limit using either look-up Tables 3 and 4 to this section or site-specific risk analysis;
- (3) Determination of the ratio of the 1-hour average HCl-equivalent emission rate to the 1-hour average HCl-equivalent emission rate limit for the combustor; and
- (4) The potential for the source to vary total chlorine and chloride feedrates substantially over the averaging period for the long-term feedrate limit established under paragraphs (g)(2)(i) and (g)(2)(ii) of this section; and
- (B) Determination of the hourly rolling average chlorine feedrate limit, including the total chlorine system removal efficiency.
- (iv) Additional content of a look-up table demonstration. If you use the look-up table analysis to establish HCl-equivalent emission rate limits, your eligibility demonstration must also contain, at a minimum, the following:
- (A) Documentation that the facility is located in either flat or simple elevated terrain; and
- (B) For facilities with more than one on-site hazardous waste combustor, documentation that the sum of the ratios for all such combustors of the HClequivalent emission rate to the HClequivalent emission rate limit does not exceed 1.0.
- (v) Additional content of a site-specific compliance demonstration. If you use a site-specific compliance demonstra-

- tion, your eligibility demonstration must also contain, at a minimum, the following information to support your determination of the annual average HCl-equivalent emission rate limit for each combustor:
- (A) Identification of the risk assessment methodology used;
- (B) Documentation of the fate and transport model used;
- (C) Documentation of the fate and transport model inputs, including the stack parameters listed in paragraph (d)(1)(i)(C) of this section converted to the dimensions required for the model;
  - (D) As applicable:
  - (1) Meteorological data;
- (2) Building, land use, and terrain data;
- (3) Receptor locations and population data, including areas where people congregate for work, school, or recreation; and
- (4) Other facility-specific parameters input into the model;
- (E) Documentation of the fate and transport model outputs; and
- (F) Documentation of any exposure assessment and risk characterization calculations.
- (2) Review and approval—(i) Existing sources. (A) If you operate an existing source, you must submit the eligibility demonstration to your permitting authority for review and approval not later than 12 months prior to the compliance date. You must also submit a separate copy of the eligibility demonstration to: U.S. EPA, Risk and Exposure Assessment Group, Emission Standards Division (C404–01), Attn: Group Leader, Research Triangle Park, North Carolina 27711, electronic mail address REAG@epa.gov.
- (B) Your permitting authority should notify you of approval or intent to disapprove your eligibility demonstration within 6 months after receipt of the original demonstration, and within 3 months after receipt of any supplemental information that you submit. A notice of intent to disapprove your eligibility demonstration, whether before or after the compliance date, will identify incomplete or inaccurate information or noncompliance with prescribed procedures and specify how much time you will have to submit additional information or to achieve the MACT

standards for total chlorine under §§ 63.1216, 63.1217, 63.1219, 63.1220, and 63.1221. If your eligibility demonstration is disapproved, the permitting authority may extend the compliance date of the total chlorine standards to allow you to make changes to the design or operation of the combustor or related systems as quickly as practicable to enable you to achieve compliance with the MACT total chlorine standards.

- (C) If your permitting authority has not approved your eligibility demonstration by the compliance date, and has not issued a notice of intent to disapprove your demonstration, you may nonetheless begin complying, on the compliance date, with the HCl-equivalent emission rate limits you present in your eligibility demonstration.
- (D) If your permitting authority issues a notice of intent to disapprove your eligibility demonstration after the compliance date, the authority will identify the basis for that notice and specify how much time you will have to submit additional information or to comply with the MACT standards for total chlorine under §§ 63.1216, 63.1217, 63.1219, 63.1220, and 63.1221. The permitting authority may extend the compliance date of the total chlorine standards to allow you to make changes to the design or operation of the combustor or related systems as quickly as practicable to enable you to achieve compliance with the MACT standards for total chlorine.
- (ii) New or reconstructed sources—(A) General. The procedures for review and approval of eligibility demonstrations applicable to existing sources under paragraph (e)(2)(i) of this section also apply to new or reconstructed sources, except that the date you must submit the eligibility demonstration is as prescribed in this paragraph (e)(2)(ii).
- (B) If you operate a new or reconstructed source that starts up before April 12, 2007, or a solid fuel boiler or liquid fuel boiler that is an area source that increases its emissions or its potential to emit such that it becomes a major source of HAP before April 12, 2007, you must either:
- (I) Comply with the final total chlorine emission standards under §§ 63.1216, 63.1217, 63.1219, 63.1220, and 63.1221, by

- October 12, 2005, or upon startup, whichever is later, except for a standard that is more stringent than the standard proposed on April 20, 2004 for your source. If a final standard is more stringent than the proposed standard, you may comply with the proposed standard until October 14, 2008, after which you must comply with the final standard; or
- (2) Submit an eligibility demonstration for review and approval under this section by April 12, 2006, and comply with the HCl-equivalent emission rate limits and operating requirements you establish in the eligibility demonstration.
- (C) If you operate a new or reconstructed source that starts up on or after April 12, 2007, or a solid fuel boiler or liquid fuel boiler that is an area source that increases its emissions or its potential to emit such that it becomes a major source of HAP on or after April 12, 2007, you must either:
- (1) Comply with the final total chlorine emission standards under §§ 63.1216, 63.1217, 63.1219, 63.1220, and 63.1221 upon startup. If the final standard is more stringent than the standard proposed for your source on April 20, 2004, however, and if you start operations before October 14, 2008, you may comply with the proposed standard until October 14, 2008, after which you must comply with the final standard; or
- (2) Submit an eligibility demonstration for review and approval under this section 12 months prior to startup.
- (f) Testing requirements—(1) General. You must comply with the requirements for comprehensive performance testing under §63.1207.
- (2) System removal efficiency. (i) You must calculate the total chlorine removal efficiency of the combustor during each run of the comprehensive performance test.
- (ii) You must calculate the average system removal efficiency as the average of the test run averages.
- (iii) If your source does not control emissions of total chlorine, you must assume zero system removal efficiency.
- (3) Annual average HCl-equivalent emission rate limit. If emissions during the comprehensive performance test exceed the annual average HCl-equivalent emission rate limit, eligibility for

emission limits under this section is not affected. This emission rate limit is an annual average limit even though compliance is based on a 12-hour or (up to) an annual rolling average feedrate limit on total chlorine and chloride because the feedrate limit is also used for compliance assurance for the semivolatile metal emission standard

- (4) 1-hour average HCl-equivalent emission rate limit. Total chlorine emissions during each run of the comprehensive performance test cannot exceed the 1-hour average HCl-equivalent emission rate limit.
- (5) Test methods. (i) If you operate a cement kiln or a combustor equipped with a dry acid gas scrubber, you must use EPA Method 320/321 or ASTM D 6735-01, or an equivalent method, to measure hydrogen chloride, and the back-half (caustic impingers) of Method 26/26A, or an equivalent method, to measure chlorine gas.
- (ii) Bromine and sulfur considerations. If you operate an incinerator, boiler, or lightweight aggregate kiln and your feedstreams contain bromine or sulfur during the comprehensive performance test at levels specified under paragraph (e)(2)(ii)(B) of this section, you must use EPA Method 320/321 or ASTM D 6735–01, or an equivalent method, to measure hydrogen chloride, and Method 26/26A, or an equivalent method, to measure chlorine and hydrogen chloride, and determine your chlorine emissions as follows:
- (A) You must determine your chlorine emissions to be the higher of the value measured by Method 26/26A as provided in appendix A-8, part 60 of this chapter, or an equivalent method, or the value calculated by the difference between the combined hydrogen chloride and chlorine levels measured by Method 26/26A as provided in appendix A-8, part 60 of this chapter, or an equivalent method, and the hydrogen chloride measurement from EPA Method 320/321 as provided in appendix A, part 63 of this chapter, or ASTM D as described  $\S63.1208(b)(5)(i)(C)$ , or an equivalent method.
- (B) The procedures under paragraph (f)(2)(ii) of this section for determining hydrogen chloride and chlorine emissions apply if you feed bromine or sul-

fur during the performance test at the levels specified in this paragraph (f)(5)(ii)(B):

- (1) If the bromine/chlorine ratio in feedstreams is greater than 5 percent by mass; or
- (2) If the sulfur/chlorine ratio in feedstreams is greater than 50 percent by mass.
- (g) Monitoring requirements—(1) General. You must establish and comply with limits on the same operating parameters that apply to sources complying with the MACT standard for total chlorine under §63.1209(0), except that feedrate limits on total chlorine and chloride must be established according to paragraphs (g)(2) and (g)(3) of this section:
- (2) Feedrate limit to ensure compliance with the annual average HCl-equivalent emission rate limit. (i) For sources subject to the feedrate limit for total chlorine and chloride under §63.1209(n)(4) to ensure compliance with the semivolatile metals standard:
- (A) The feedrate limit (and averaging period) for total chlorine and chloride to ensure compliance with the annual average HCl-equivalent emission rate limit is the same as required by §63.1209(n)(4), except as provided by paragraph (g)(2)(i)(B) of this section.
- (B) The numerical value of the total chlorine and chloride feedrate limit (i.e., not considering the averaging period) you establish under  $\S63.1209(n)(4)$  must not exceed the value you calculate as the annual average HCl-equivalent emission rate limit (lb/hr) divided by  $[1-system\ removal\ efficiency]$ , where the system removal efficiency is calculated as prescribed by paragraph (f)(2) of this section.
- (ii) For sources exempt from the feedrate limit for total chlorine and chloride under §63.1209(n)(4) because they comply with §63.1207(m)(2), the feedrate limit for total chlorine and chloride to ensure compliance with the annual average HCl-equivalent emission rate must be established as follows:
- (A) You must establish an average period for the feedrate limit that does not exceed an annual rolling average:
- (B) The numerical value of the total chlorine and chloride feedrate limit

(i.e., not considering the averaging period) must not exceed the value you calculate as the annual average HCl-equivalent emission rate limit (lb/hr) divided by [1 - system removal efficiency], where the system removal efficiency is calculated as prescribed by paragraph (f)(2) of this section.

- (C) You must calculate the initial rolling average as though you had selected a 12-hour rolling average, as provided by paragraph (b)(5)(i) of this section. You must calculate rolling averages thereafter as the average of the available one-minute values until enough one-minute values are available to calculate the rolling average period you select. At that time and thereafter, you update the rolling average feedrate each hour with a 60-minute average feedrate.
- (3) Feedrate limit to ensure compliance with the 1-hour average HCl-equivalent emission rate limit. (i) You must establish an hourly rolling average feedrate limit on total chlorine and chloride to ensure compliance with the 1-hour average HCl-equivalent emission rate limit unless you determine that the hourly rolling average feedrate limit is waived under paragraph (d) of this section.
- (ii) You must calculate the hourly rolling average feedrate limit for total chlorine and chloride as the 1-hour average HCl-equivalent emission rate limit (lb/hr) divided by [1 system removal efficiency], where the system removal efficiency is calculated as prescribed by paragraph (f)(2)(ii) of this section.
- (h) Changes—(1) Changes over which you have control—(i) Changes that would affect the HCl-equivalent emission rate limit. (A) If you plan to change the design, operation, or maintenance of the facility in a manner than would decrease the annual average or 1-hour average HCl-equivalent emission rate limit, you must submit to the permitting authority prior to the change a revised eligibility demonstration documenting the lower emission rate limits and calculations of reduced total chlorine and chloride feedrate limits.
- (B) If you plan to change the design, operation, or maintenance of the facility in a manner than would increase the annual average or 1-hour average

HCl-equivalent emission rate limit, and you elect to increase your total chlorine and chloride feedrate limits. You must also submit to the permitting authority prior to the change a revised eligibility demonstration documenting the increased emission rate limits and calculations of the increased feedrate limits prior to the change.

- (ii) Changes that could affect system removal efficiency. (A) If you plan to change the design, operation, or maintenance of the combustor in a manner than could decrease the system removal efficiency, you are subject to the requirements of §63.1206(b)(5) for conducting a performance test to reestablish the combustor's system removal efficiency and you must submit a revised eligibility demonstration documenting the lower system removal efficiency and the reduced feedrate limits on total chlorine and chloride.
- (B) If you plan to change the design, operation, or maintenance of the combustor in a manner than could increase the system removal efficiency, and you elect to document the increased system removal efficiency to establish higher feedrate limits on total chlorine and chloride, you are subject to the requirements of §63.1206(b)(5) for conducting a performance test to reestablish the combustor's system removal efficiency. You must also submit to the permitting authority a revised eligibility demonstration documenting the higher system removal efficiency and the increased feedrate limits on total chlorine and chloride.
- (2) Changes over which you do not have control that may decrease the HCl-equivalent emission rate limits. These requirements apply if you use a site-specific risk assessment under paragraph (c)(4) of this section to demonstrate eligibility for the health-based limits.
- (i) Proactive review. You must submit for review and approval with each comprehensive performance test plan either a certification that the information used in your eligibility demonstration has not changed in a manner that would decrease the annual average or 1-hour average HCl-equivalent emission rate limit, or a revised eligibility demonstration.

(ii) Reactive review. If in the interim between your comprehensive performance tests you have reason to know of changes that would decrease the annual average or 1-hour average HClequivalent emission rate limit, you must submit a revised eligibility demonstration as soon as practicable but not more frequently than annually.

(iii) Compliance schedule. If you determine that you cannot demonstrate

compliance with a lower annual average HCl-equivalent emission rate limit during the comprehensive performance test because you need additional time to complete changes to the design or operation of the source, you may request that the permitting authority grant you additional time to make those changes as quickly as practicable.

Stack Diameter = 0.3 m Stack Height (m) 30					Distanc	e to prope	Distance to property boundary (m)	ary (m)				
Stack Height (m)	= 0.3 m											
	30	20	70	100	200	300	200	200	1000	2000	3000	2000
8	3.7E-01	4.9E-01	7.3E-01	9.1E-01	1.6E+00	2.3E+00	4.1E+00	5.7E+00	6.1E+00	1.0E+01	1.6E+01	2.9E+01
10	1.0E+00	1.0E+00	1.1E+00	1.5E+00	2.1E+00	2.7E+00	4.8E+00	5.7E+00	6.5E+00	1.1E+01	1.8E+01	3.2E+01
50	2.3E+00	2.3E+00	2.3E+00	2.3E+00	2.7E+00	3.7E+00	5.6E+00	7.4E+00	1.0E+01	1.9E+01	2.9E+01	5.2E+01
30	4.1E+00	4.1E+00	4.1E+00	4.2E+00	4.7E+00	6.0E+00	9.5E+00	1.3E+01	1.8E+01	3.3E+01	4.8E+01	7.9E+01
95	1.2E+01	1.2E+01	1.2E+01	-1.2E+01.	1.3E+01	1.5E+01	2.0E+01	2.8E+01	3.8E+01	7.1E+01	1.0E+02	1.6E+02
Stack Diameter = 0.5 m	= 0.5 m											
Stack Height (m)	30	98	70	100	200	300	200	700	1000	2000	3000	2000
. 9	6.5E-01	9.3E-01	1.4E+00	1.8E+00	3.0E+00	4.4E+00	7.2E+00	9.2E+00	1.3E+01	1.5E+01	2.0E+01	3.4E+01
10	1.4E+00	1.4E+00	1.6E+00	2.1E+00	3.9E+00	5.4E+00	8.3E+00	1.0E+01	1.3E+01	1.7E+01	2.3E+01	3.8E+01
20	3.7E+00	3.7E+00	3.7E+00	3.9E+00	4.9E+00	6.5E+00	8.5E+00	1.0E+01	1.3E+01	2.2E+01	3.2E+01	5.5E+01
30	5.5E+00	5.5E+00	5.5E+00	5.5E+00	5.6E+00	6.7E+00.	1.0E+01	1.4E+01	1.9E+01	3.4E+01	4.9E+01	8.1E+01
20	1.4E+01	1.4E+01	1.4E+01	1.4E+01	1.4E+01	1.5E+01	2.1E+01	2.8E+01	3.9E+01	7.2E+01	1.0E+02	1.6E+02
Stack Diameter = 1.0 m	= 1.0 m											
Stack Height (m)	30	99	20	100	200	300	200	200	1000	2000	3000	2000
10	3.2E+00	3.6E+00	4.0E+00	5.4E+00	9.6E+00	1.3E+01	1.8E+01	2.3E+01	2.8E+01	4.5E+01	5.3E+01	6.5E+01
20	5.9E+00	5.9E+00	5.9E+00	8.1E+00	9.6E+00	1.3E+01	1.8E+01	2.3E+01	2.8E+01	4.5E+01	5.3E+01	7.5E+01
30	1.0E+01	1.0E+01	1.0E+01	1.0E+01	1.2E+01	1.3E+01	1.8E+01	2.3E+01	2.8E+01	4.5E+01	6.1E+01	9.3E+01
20	1.8E+01	1.8E+01	1.8E+01	1.8E+01	1.8E+01	1.8E+01	2.3E+01	3.1E+01	4.2E+01	7.7E+01	1.1E+02	1.7E+02
02	7.4E+01	7.4E+01	7.4E+01	7.4E+01	7.4E+01	7.4E+01	8.0E+01	1.0E+02	1.4E+02	2.1E+02	2.7E+02	4.0E+02
Stack Diameter = 1.5 m	= 1.5 m				V							
Stack Height (m)	30	20	20	100	200	300	200	700	1000	2000	3000	2000
10	4.1E+00	5.3E+00	6.4E+00	7.9E+00	1.3E+01	2.1E+01	2.7E+01	3.6E+01	4.8E+01	7.6E+01	9.1E+01	1.1E+02
20	7.6E+00	7.6E+00	7.6E+00	7.9E+00	1.3E+01	2.1E+01	2.7E+01	3.6E+01	4.8E+01	7.6E+01	9.1E+01	1.2E+02
30	1.3E+01	1.3E+01	1.3E+01	1.3E+01	1.6E+01	2.1E+01	2.7E+01	3.6E+01	4.8E+01	7.6E+01	9.1E+01	1.2E+02
8	2.3E+01	2.3E+01	2.3E+01	2.3E+01	2.3E+01	2.3E+01	2.7E+01	3.6E+01	4.8E+01	8.6E+01	1.2E+02	1.8E+02
or To	1.0E+02	1.0E+02	1.0E+02	1.0E+02	1.0E+02	1.0E+02	1.1E+02	1.4E+02	1.8E+02	3.0E+02	4.0E+02	5.8E+02
Stack Diameter = 2.0 m	= 2.0 m											
Stack Height (m)	30	20	70	100	200	300	200	700	1000	2000	3000	2000
10	5.0E+00	6.3E+00	7.7E+00	9.8E+00	1.7E+01	2.8E+01	3.3E+01	4.4E+01	5.9E+01	1.0E+02	1.4E+02	1.6E+02
20	9.3E+00	9.3E+00	9.4E+00	1.0E+01	1.7E+01	2.8E+01	3.3E+01	4.4E+01	5.9E+01	1.0E+02	1.4E+02	1.8E+02
30	1.6E+01	1.6E+01	1.6E+01	1.6E+01	1.9E+01	2.8E+01	3.3E+01	4.4E+01	5.9E+01	1.0E+02	1.4E+02	1.8E+02
8	2.9E+01	2.9E+01	2.9E+01	2.9E+01	2.9E+01	2.9E+01	3.3E+01	4.4E+01	5.9E+01	1.0E+02	1.4E+02	2.0E+02
70	1.4E+02	1.4E+02	1.4E+02	1.4E+02	1.4E+02	1.4E+02	1.4E+02	1.8E+02	2.3E+02	3.4E+02	4.3E+02	6.4E+02
100	3.0E+02	3.0E+02	3.0E+02	3.0E+02	3.0E+02	3.0E+02	3.0E+02	3.0E+02	3.5E+02	5.2E+02	6.8E+02	8.2E+02
Stack Diameter = 3.0 m	= 3.0 m											
Stack Height (m)	30	8	02	100	200	300	200	200	1000	2000	3000	2000
9	6.5E+00	6.9E+00	7.7E+00	9.8E+00	2.2E+01	3.4E+01	5.4E+01	7.4E+01	9.8E+01	1.3E+02	1.6E+02	1.6E+02
50	1.6E+01	1.6E+01	1.7E+01	2.0E+01	2.5E+01	3.7E+01	5.6E+01	7.4E+01	9.8E+01	1.5E+02	2.1E+02	3.0E+02
30	2.0E+01	2.0E+01	2.0E+01	2.0E+01	2.5E+01	3.7E+01	5.6E+01	7.4E+01	9.8E+01	1.7E+02	2.2E+02	3.0E+02
20	4.2E+01	4.2E+01	4.2E+01	4.2E+01	4.4E+01	5.1E+01	5.6E+01	7.4E+01	9.8E+01	1.7E+02	2.2E+02	3.0E+02
02	2.3E+02	2.3E+02	2.3E+02	2.3E+02	2.3E+02	2.4E+02	2.4E+02	2.9E+02	3.6E+02	4.1E+02	5.0E+02	7.0E+02
100	3.5E+02	3.5E+02	3.5E+02	3.5E+02	3.5E+02	3.5E+02	3.5E+02	3.5E+02	3.9E+02	6.3E+02	7.5E+02	8.7E+02
Stack Diameter = 4.0 m	= 4.0 m											
Stack Height (m)	+	20	20	100	200	300	200	700	1000	2000	3000	2000
30	2.5E+01	2.5E+01	2.5E+01	2.5E+01	3.4E+01	5.6E+01	8.1E+01	1.1E+02	1.4E+02	2.2E+02	2.8E+02	4.3E+02
8	5.1E+01	5.1E+01	5.1E+01	5.1E+01	5.3E+01	6.2E+01	8.1E+01	1.1E+02	1.4E+02	2.4E+02	3.1E+02	4.4E+02
70	200729	C. L.	00.100	-								

### 40 CFR Ch. I (7-1-08 Edition)

### § 63.1215

30 1.38-01 1.18-00 2.48-00 2.48-00 2.48-00 2.38-01 2.38-01 2.38-00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.	\$0 1.8E-01 3.8E-01 3.8E-01 7.7E+00 7.7E+00 7.7E+00 7.7E+00 7.7E+00 7.7E+00 7.7E+00 7.7E+00 7.7E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8E+00 8.8	70 4.4E-01 1.1E-00 7.7E-00 7.7E-00 7.7E-00 7.1E-00 7.1E-00 7.2E-00 8.0E-00 8.0E-00 8.0E-00 9.5E-00 7.0E-00 8.0E-00 9.5E-00 9.5E-00 9.5E-00 7.0E-00 9.5E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0E-00 7.0	100 3.7E-01 6.1E-01 1.2E-00 7.7E-00 7.7E-00 100 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.5E-00 1.	200 6.4E.01 16.4E.01 17.E+00 7.7E+00 7	Distance to property boundary (m)  300 560 1 8.9E-01 1.4E+00 2 1 8.8E-00 2.3E+00 3 0 3.5E+00 2.3E+00 3 0 1.6E+00 3.6E+00 3 0 1.6E+00 3.6E+00 3 0 1.6E+00 3.2E+00 3 0 1.6E+00 3.2E+00 3 0 1.6E+00 3.2E+00 3 0 1.6E+00 4.2E+00 3 0 3.5E+00 4.2E+00 3 0 3.5E+00 4.2E+00 3 0 3.5E+00 4.2E+00 3 0 3.5E+00 4.2E+00 5 0 6.6E+00 6.6E+00 66 0 6.6E+00 6.6E+00 66	rty boundary 1.4E+00 1.4E+00 1.4E+00 1.4E+00 1.4E+00 2.3E+00 2.3E+00 2.3E+00 2.3E+00 2.3E+00 2.3E+00 2.3E+00 2.3E+00 3.3E+00 3.4E+00 4.2E+00 4.2E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00	7 (m) 700 2.08±00 2.08±00 2.08±00 2.08±00 2.08±00 2.08±00 3.48±00 3.48±00 3.48±00 3.48±00 3.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58±00 5.58	1000 3.1E+00 3.1E+00 3.1E+00 7.0E+00 1000 5.2E+00 5.2E+00 5.2E+00 5.2E+00 1.2E+01 1.0E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E	2000 7.7E+00 7.7E+00 7.7E+00 7.7E+00 7.7E+00 1.2E+01 2.0E+01 2.0E+00 9.6E+00 9.6E+00 1.7E+01 2.3E+01 2.3E+01 1.5E+01 1.5E+01 3.3E+01 1.5E+01 3.3E+01 3	3000 1.3E+01 2.0E+01 3.4E+01 3.4E+01 3.4E+01 1.5E+01 1.5E+01 1.5E+01 2.8E+01 3.7E+01 3.7E+01 3.7E+01 3.8E+01 2.3E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3	\$000 2.6B+01 2.6B+01 3.9E+01 6.5B+01 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000
30 1.3E-01 1.1E-00 2.4E-00 2.4E-00 3.3E-01 3.3E-01 3.3E-01 3.3E-00 3.3E-00 3.3E-00 3.3E-00 3.3E-00 3.3E-00 4.3E-00 4.3E-00 4.3E-00 3.5E-00 4.3E-00 4.3E-00 3.5E-00 4.3E-00 3.5E-00 4.3E-00 3.5E-00 4.3E-00 3.5E-00 4.3E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00 3.6E-00	850 E-01 E-01 E-00 E-00 E-00 E-00 E-00 E-0	70 1.11E400 1.12E400 7.7E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1.12E+00 1	100 6.1E-01 1.2E-60 7.7E-70 7.7E-70 7.7E-70 1.00 1.00 1.7E-70 8.5E-01 1.5E-70 1.5E-70 1.5E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70 1.7E-70	200 6.4E-01 6.4E-01 7.7E-00 7.7E-00 7.7E-00 1.4E-00 1.4E-00 1.5E-00 2.00 2.00 3.7E-00 3.7E-00 3.7E-00 4.0E-01 4.0E-01 4.0E-01 4.0E-01	300 8.9E-01 8.8E-00 8.6E+00 8.6E+00 1.6E+00 1.6E+00 1.6E+00 3.7E+00 3.0E+00 3.7E+00 4.3E+00 4.3E+00 4.3E+00 4.5E+00 4.6E+00 4.6E+00 4.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.6E+00 6.	500 1.48±00 1.48±00 1.28±00 4.28±00 2.38±00 2.38±00 2.38±00 2.38±00 2.38±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 1.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.28±00 2.	700 2.08+00 3.48+00 5.28+00 8.28+00 3.48+00 3.48+00 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.28+01 1.	3.1E+00 3.1E+00 3.1E+00 3.2E+00 7.0E+00 8.6E+00 5.2E+00 5.2E+00 5.2E+00 8.1E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+0	2000 7.77E+00 7.77E+00 7.77E+00 7.77E+00 7.77E+00 7.07E+01 1.52E+01 2.08E+00 9.65E+00 9.65E+00 7.77E+01 7.77E+0	3000 1.3E+01 2.0E+01 2.0E+01 3.4E+01 3.4E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 2.8E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.0	\$6000 \$2.6E+01 \$3.9E+01 \$4.9E+01 \$6.5E+01 \$6.5E+01 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.000 \$6.00
1.3E-01 1.1E-00 1.1E-00 1.1E-00 7.7E-00 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	E-01 E-01 E-00 E-00 E-00 E-00 E-00 E-00	2.5E-01 4.4E-01 1.1E-00 7.7E+00 7.7E+00 7.7E+00 7.7E+00 7.5E+00 7.5E+00 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+01 7.6E+0	3,7E-01 (6,1E-01 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1E-02 (1,1	6.4E-01 6.4E-01 6.4E-01 7.7E+00 7.7E+00 1.4E-00 1.4E-00 1.5E-00 2.9E-00 3.7E-00 3.7E-00 3.7E-00 4.6E-01 4.6E-01 3.7E-00 3.7E-00 4.6E-01 4.6E-01 4.6E-01 4.6E-01	8.5E-01 8.5E-01 3.5E+00 8.6E+00 1.6E+00 1.6E+00 1.6E+00 1.6E+00 1.6E+00 1.6E+00 1.6E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+01 6.6E+0	1.4E+00 2.2E+00 2.2E+00 3.6E+00 3.6E+00 3.6E+00 2.2E+00 2.2E+00 2.2E+00 3.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+0	2.08+00 2.08+00 2.08+00 2.28+00 8.68+00 3.48+00 3.48+00 5.58+00 5.58+00 5.58+00 5.58+00 5.58+00 5.58+00 1.48-01 1.48-01 1.48-01	3.1E+00 3.1E+00 3.1E+00 7.0E+00 7.0E+00 8.6E+00 5.2E+00 5.2E+00 5.2E+00 5.2E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 8.1E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+000 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+00 7.5E+	7.78±00 7.78±00 1.28±01 2.08±01 2.08±01 2.08±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±01 1.78±0	3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000	2.084-01 3.928-01 3.928-01 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000
3.8E-01 1.1E-00 7.7E+00 7.7E+00 7.7E+00 1.8E-01 1.5E+00 8.0E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 5.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+00 4.7E+0	E-01 E-01 E-01 E-01 E-01 E-00 E-00 E-00	1.18+00 7.78+00 7.78+00 7.78+00 7.78+00 7.00 8.08+00 8.08+00 8.08+00 8.08+00 8.08+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4	6.1E-01 1.2E-00 7.7E-00 100 100 1.2E-01 1.0E-01 1.0E-01 1.0E-01 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-00 1.0E-0	6.4E-01 1.2B-00 2.00 2.00 1.4B-00 1.4B-00 1.5B-00 2.5B-00 3.7B-00 3.7B-00 3.7B-00 9.5B-00 4.0B-01	8.95-01 1.5E+00 8.6E+00 8.6E+00 300 1.6E+00 1.6E+00 3.5E+00 3.5E+00 3.7E+00 3.7E+00 4.3E+00 4.3E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.	1.4E+00 2.3E+00 2.3E+00 8.6E+00 8.6E+00 2.3E+00 2.3E+00 2.3E+00 1.2E+01 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+0	2.0E+00 3.4E+00 3.4E+00 8.6E+00 3.4E+00 3.4E+00 3.4E+00 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+0	3.118-00 5.218-00 7.028-00 8.058-00 5.228-00 5.228-00 5.228-00 5.228-00 1.228-01 1.258-00 1.258-00 1.258-00 1.258-00 1.258-00	7.75±00 1.28±01 1.28±01 2.08±01 2.08±00 9.68±00 9.68±00 1.28±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±01 1.58±0	1.38+01 2.08+01 2.08+01 3.48+01 3.48+01 3.000 1.58+01 2.08+01 3.78+01 3.78+01 3.78+01 3.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01 5.88+01	2.68±01 3.98±01 4.98±01 6.58±01 2.88±01 3.98±01 3.98±01 5.28±01 5.28±01 5.28±01 5.28±01 5.28±01 8.38±01 5.28±01 5.28±01 8.38±01 9.88±01 5.28±01 5.28±01 8.38±01 9.88±01 5.28±01 9.88±01 9.88±01 5.28±01 9.88±01 9.88±01 5.28±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±01 9.88±0
1.1E+00. 7.7E+00 30 30 1.1E+01 1.1E+00 2.2E+00 2.2E+00 3.7E+01 2.7E+00 4.0E+01 3.6E+00 4.0E+01 3.1E+01	EH00 EH00 EH00 EH00 EH00 EH00 EH00 EH00	1.1.18+00 2.48+00 2.48+00 7.78+00 7.78+00 7.88+00 7.88+00 8.818+00 8.818+00 8.818+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4.38+00 4	1.2E+00 7.7E+00 7.7E+00 7.7E+00 7.7E+00 1.00 1.00 1.00 1.7E+00 1.00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.	2.7B+00 2.7B+00 7.7B+00 7.7B+00 1.4B+00 1.4B+00 1.5B+00 1.5B+00 2.00 2.00 3.7B+00 3.7B+00 3.7B+00 4.4B+00 4.4B+00 4.0B+01	3.5E+00 3.6E+00 3.00 1.6E+00 1.6E+00 1.6E+00 3.5E+00 3.7E+00 3.7E+00 3.7E+00 4.3E+00 4.3E+00 4.3E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 3	2.3E+00 4.2E+00 500 500 2.3E+00 1.2E+01 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+0	3.4E+00 8.6E+00 8.6E+00 3.4E+00 3.4E+00 3.4E+00 5.5E+00 5.5E+00 5.5E+00 5.5E+00 6.5E+00 1.4E+01 1.4E+01	5.2E+00 8.6E+00 1000 5.2E+00 5.2E+00 5.2E+00 5.2E+00 7.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1	1.2E+01 2.0E+01 2.0E+01 2.0E+00 9.6E+00 1.2E+01 1.7E+01 2.3E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 3.1E+01 3.1E+01 4.1E+01	2.0E+01 3.4E+01 3.4E+01 1.5E+01 1.5E+01 2.0E+01 2.0E+01 3.000 2.3E+01 2.3E+01 3.000 2.3E+01 2.3E+01 3.8E+01 2.3E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.8E+01 3.	3.9E-01 4.9E-01 6.5E-10 5000 5000 5.2E-01 6.9E-01 5.2E-01 6.9E-01 5.2E-01 6.9E-01 8.3E-01 7.9E-01 8.3E-01 8.3E-01 9.8E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E-01 9.9E
2.48+00 7.75+00 7.75+00 1.85-01 5.38-01 2.95+00 8.08+00 8.438+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+00 9.78+	E+00 E+00 E+00 E+00 E+00 E+00 E+00 E+00	7.75±00 7.75±00 7.75±00 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7	2.4E+00 7.7E+00 100 5.6E-01 1.5E+00 8.0E+00 8.0E+00 1.7E+00 1.7E+00 9.5E+00 9.5E+00 4.3E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.5E+00 9.	2.7B+00 7.7B+00 200 1.4B+00 1.4B+00 1.5B+00 2.9B+00 8.0B+00 3.7B+00 3.7B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 2.0B+01 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.3B+00 4.	3.5E+00 300 300 1.6E+00 1.6E+00 1.6E+00 3.5E+00 3.7E+00 3.7E+00 3.7E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+01 3.0E+0	8.6E+00 8.6E+00 500 2.3E+00 2.3E+00 2.3E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.	3.4E+00 3.4E+00 3.4E+00 3.4E+00 3.4E+00 3.5E+00 5.5E+00 5.5E+00 5.5E+00 1.4E+01 1.4E+01	1000 1000 1000 5.2E+00 5.2E+00 5.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01 1.2E+01	2.08+01 2.08+01 2.08+00 9.68+00 9.68+00 1.28+01 1.78+01 2.38+01 1.58+01 1.58+01 1.58+01 1.58+01 1.58+01 1.58+01 1.58+01 3.18+01 4.18+01	2.6E+01 3.4E+01 3000 1.5E+01 1.5E+01 1.5E+01 2.8E+01 3.7E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2	4.9E+01 6.5E+01 5000 2.8E+01 2.8E+01 5.3E+01 5.3E+01 6.9E+01 6.9E+01 4.1E+01 4.3E+01 5.3E+01 8.3E+01 7.3E+01 7.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8.3E+01 8
30 30 30 31 31 31 31 31 30 30 30 30 30 30 30 30 30 30 30 30 30	E+00  Solution  Solution  Solution  E-01  E-01  E-01  E-02  E-00	7.7E+00 70 3.5E-01 1.15E+00 2.9E+00 8.0B+00 1.1E+00 2.7E+00 2.7E+00 2.7E+00 4.0E+01 4.0E+01	100 1.5E+00 1.5E+01 1.5E+00 1.5E+00 1.5E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.7E+00 1.	200 200 1.4E+00 1.4E+00 1.5E+00 2.9E+00 8.0E+00 3.7E+00 4.3E+00 4.3E+00 4.3E+00 4.0E+01 2.00	8.6E+00 300 1.6E+00 1.6E+00 1.6E+00 3.6E+00 3.7E+00 3.7E+00 3.7E+00 4.3E+00 4.5E+00 4.0E+01 4.0E+01 4.0E+01	8.6E+00 500 2.3E+00 2.3E+00 2.3E+00 4.2E+01 1.2E+01 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00 4.2E+00	8.6B+00 3.4B+00 3.4B+00 3.4B+00 3.5B+00 1.2B+01 1.2B+01 5.5B+00 5.5B+00 5.5B+00 1.4B+01 4.1B+01	8.6E+00 1000 5.2E+00 5.2E+00 5.2E+00 5.2E+00 1.2E+01 1.2E+01 7.5E+00 7.5E+00 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1	2.0E+01 2.000 9.0E+00 1.2E+01 1.7E+01 2.3E+01 1.5E+01 1.5E+01 1.7E+01 1.5E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01 1.7E+01	3.4E+01 3.000 1.5E+01 1.5E+01 2.8E+01 3.7E+01 3.7E+01 3.000 2.3E+01 4.8E+01 5.8E+01 5.8E+01 5.8E+01 5.8E+01 5.8E+01	6.5B+01 5000 5000 5.2B+01 5.2B+01 5.2B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01 6.5B+01
30 30 30 30 30 30 30 30 30 30	\$60 BE-01 BE-01 BE-02 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE-03 BE	70 3.5E-01 1.5E+00 1.5E+00 2.9E+00 8.0E+00 1.1E+00 2.7E+00 4.9E+00 9.5E+00 9.5E+00 4.0E+01	100 1.6E-01 8.5E-01 1.5E+00 2.9E+00 1.0E+00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	200 1.4E+00 1.5E+00 2.9E+00 2.9E+00 2.0E+00 3.7E+00 3.7E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 2.0E+00 2.0E+00 3.7E+00 3.7E+00 4.3E+00 2.0E+00	300 1.6E+00 1.6E+00 1.6E+00 1.6E+00 3.5E+00 3.7E+00 3.7E+00 3.7E+00 3.7E+00 4.6E+01 4.6E+01 3.0E+01 3.0E+01 4.6E+01	500 2.3E+00 2.3E+00 2.3E+00 1.2E+01 1.2E+01 4.2E+00 4.2E+00 4.2E+00 4.3E+01 1.2E+01 4.0E+01 4.0E+01	700 3.4E+00 3.4E+00 3.4E+00 3.4E+00 1.2E+01 700 5.5E+00 5.5E+00 5.5E+00 1.4E+01 4.1E+01	1000 5.2E+00 5.2E+00 5.2E+00 5.2E+00 1.2E+01 1.2E+01 1.2E+01 7.5E+00 8.1E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1	2000 9.6E+00 9.6E+00 1.ZE+01 1.7E+01 2.3E+01 1.5E+01 1.5E+01 1.7E+01 3.1E+01 4.1E+01	3000 1.5E+01 1.5E+01 2.0E+01 3.7E+01 3.7E+01 3.7E+01 3.7E+01 3.7E+01 3.8E+01 5.8E+01 5.8E+01 5.8E+01 5.8E+01 5.8E+01	\$000 2.88±01 3.98±01 3.98±01 5.28±01 6.98±01 4.18±01 4.38±01 5.28±01 9.88±01 9.88±01 9.88±01
30 3.18E-01 3.3E-01 2.9E-00 8.0E+00 9.7E-01 4.3E-00 9.5E-00 9.5E-00 9.5E-00 1.1E-01 5.1E+01 5.1E+01 5.1E+01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 1.1E-01 6.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00 8.0E+00	S60 E-01 E-01 E-00 E+00 E+00 E+00 E+00 E+00 E+00 E+00	70 3.5E-01 1.5E-00 1.5E-00 2.9E+00 8.0E+00 70 70 70 71.1E+00 2.7E+00 4.3E+00 4.3E+00 4.5E+00 4.6E+01	100 5.6E-01 1.5E-01 1.5E-00 2.9E+00 8.0E+00 1.7E+00 3.0E+00 4.3E+00 4.0E+01 4.0E+01	200 1.4E+00 1.5E+00 2.9E+00 8.0E+00 3.7E+00 3.7E+00 4.3E+00 4.0E+01 200	300 1.6E+00 1.6E+00 3.5E+00 8.8E+00 3.7E+00 3.7E+00 3.7E+00 4.0E+01 4.0E+01 3.00 6.0E+00	\$00 2.3E+00 2.3E+00 2.3E+00 4.2E+00 1.2E+01 \$00 4.2E+00 4.3E+00 1.2E+01 4.3E+00 1.2E+01 4.3E+00 4.3E+00 1.2E+01 4.3E+00	700 3.4B+00 3.4B+00 3.5B+00 5.5B+00 1.2B+01 700 5.5B+00 5.5B+00 5.5B+00 1.4B+01 4.1B+01	1000 5.2E+00 5.2E+00 5.2E+00 8.1E+00 1.2E+01 1.2E+01 7.5E+00 7.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1.5E+00 1	2000 9.6E+00 9.6E+00 1.2E+01 1.7E+01 2.3E+01 2.3E+01 1.5E+01 1.5E+01 1.7E+01 3.1E+01 4.1E+01	3000 1.5E+01 2.0E+01 2.8E+01 3.7E+01 3.7E+01 3.2E+01 2.8E+01 4.8E+01 5.8E+01 5.8E+01	\$000 2.8E+01 3.9E+01 3.9E+01 5.2E+01 6.9E+01 4.1E+01 4.3E+01 9.8E+01 9.8E+01 9.8E+01 9.8E+01
1.8E-01 1.5E-00 2.9E-00 8.0E-00 9.7E-01 4.3E-00 4.3E-00 9.5E-00 4.0E-01 9.5E-00 4.0E-01 1.1E-01 5.1E-01 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-0	E-01 E-01 E-00 E-00 E-00 E-00 E-00 E-00	3.5E-01 6.1E-01 1.5E+00 2.9E+00 8.0E+00 70 1.1E+00 2.7E+00 4.3E+00 9.5E+00 4.0E+01	8.5E-01 8.5E-01 2.9E-00 2.9E-00 8.0E+00 1.7E-00 3.0E+00 4.3E-00 4.0E+01 4.0E+01 4.0E+01 4.0E+01	1.4E+00 1.4E+00 1.4E+00 2.9E+00 2.9E+00 8.0E+00 3.7E+00 3.7E+00 4.3E+00 4.0E+01 2.00	1.6E+00 1.6E+00 1.6E+00 3.5E+00 3.5E+00 3.7E+00 3.7E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.0E+01 4.0E+01	2.3E+00 2.3E+00 2.3E+00 2.3E+00 1.2E+01 1.2E+01 4.2E+00 4.3E+00 1.2E+01 4.0E+01 4.0E+01 4.0E+01	3.4B+00 3.4B+00 3.4B+00 5.5B+00 1.2B+01 700 5.5B+00 5.5B+00 1.4B+01 4.1B+01	5.2E+00 5.2E+00 5.2E+00 8.1E+00 1.2E+01 1.2E+01 7.5E+00 7.5E+00 7.5E+00 8.1E+00	9.6E+00 9.6E+00 1.2E+01 1.7E+01 2.3E+01 2.3E+01 1.5E+01 1.5E+01 1.7E+01 1.7E+01 1.7E+01 3.1E+01 4.1E+01	1.5E+01 1.5E+01 2.0E+01 3.7E+01 3.7E+01 3.7E+01 3.000 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 2.3E+01 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000	2.8E+01 3.9E+01 3.9E+01 5.2E+01 6.9E+01 6.9E+01 4.1E+01 4.3E+01 5.2E+01 8.3E+01 9.8E+01 9.8E+01
\$38-01 1.5E-000 8.0E-00 8.0E-00 9.7E-01 2.7E-00 4.3E-00 9.5E-00 9.5E-00 9.5E-00 1.1E-01 5.1E-01 5.1E-01 5.1E-01 5.2E-00 1.1E-01 5.1E-01 5.2E-00 1.1E-01 5.2E-00 1.1E-01 5.2E-00 1.1E-01 5.2E-00 1.1E-01 5.2E-00 1.1E-01 5.2E-00 1.1E-01 5.2E-00 1.1E-01 5.2E-00 1.1E-01 5.2E-00 1.1E-01 5.2E-00 5.2E-00 1.1E-01 5.2E-00 5.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2E-00 7.2	E-01 E+00 E+00 E+00 E+00 E+00 E+00 E+00 E+	6.1B-01 1.5E+00 2.9E+00 8.0E+00 70 70 7.1E+00 2.7E+00 4.3E+00 9.5E+00 4.0E+01	8.5E-01 -1.5E+00 2.9E+00 8.0E+00 1.7E+00 3.0E+00 9.5E+00 4.0E+01 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	1.4E+00 1.5E+00 2.9E+00 8.0E+00 3.7E+00 3.7E+00 4.3E+00 4.0E+01 200	1.6E+00 1.6E+00 1.6E+00 3.5E+00 3.00 3.7E+00 3.7E+00 4.3E+00 9.5E+00 4.0E+01 4.0E+01 6.0E+00	2.3E+00 2.3E+00 4.2E+00 1.2E+01 2.00 4.2E+00 4.2E+00 4.3E+00 1.2E+01 4.0E+01 4.0E+01	3.4B+00 3.4E+00 5.5B+00 1.2B+01 700 5.5E+00 5.5E+00 5.5E+00 1.4E+01 4.1E+01	1.2E+00 8.1E+00 1.2E+01 1.2E+01 1.000 7.5E+00 7.5E+00 1.5E+00 1.5E+00	9.6E+00 1.2E+01 1.7E+01 2.3E+01 2000 1.5E+01 1.7E+01 3.1E+01 4.1E+01	1.5E+01 2.0E+01 3.7E+01 3.7E+01 3.000 3.000 2.3E+01 2.3E+01 4.8E+01 5.8E+01 5.8E+01 5.8E+01	5.28±+01 5.28±+01 6.95±+01 6.95±+01 6.95±+01 7.28±+01 5.28±+01 5.28±+01 5.28±+01 5.28±+01 5.28±+01
1.5E+00 2.9E+00 8.0E+00 3.0 3.0 3.7E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 3.5E+00 3.5E+00 1.1E+01 5.1E+01 5.1E+01 5.1E+01 8.4E+01 5.1E+01 8.4E+01	E+00 E+00 E+00 E+00 E+00 E+00 E+00 E+00	1.5E+00 2.9E+00 8.0E+00 70 70 2.7E+00 4.3E+00 9.5E+00 4.0E+01 4.0E+01	1.5E+00 2.9E+00 8.0E+00 100 1.7E+00 3.0E+00 4.3E+00 4.3E+00 4.0E+01 1.00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+00 4.3E+	1.5E+00 2.9E+00 8.0E+00- 2.00 3.7E+00 3.7E+00 4.3E+00 4.3E+01 4.0E+01 2.00	3.5E+00 8.8E+00 3.7E+00 3.7E+00 3.7E+00 4.3E+00 9.5E+00 4.0E+01 4.0E+01 6.0E+00	2.3E+00 4.2E+00 1.2E+01 500 4.2E+00 4.2E+00 4.3E+00 1.2E+01 4.0E+01 4.0E+01	3.4E+00 5.5E+00 1.2E+01 700 5.5E+00 5.5E+00 5.5E+00 1.4E+01 4.1E+01	1000 7.5E+00 8.1E+00 1.2E+01 7.5E+00 7.5E+00 8.1E+00	2.3E+01 2.3E+01 2.000 2000 1.5E+01 1.5E+01 1.7E+01 3.1E+01 4.1E+01	2.0E+01 2.8E+01 3.7E+01 3000 2.3E+01 2.3E+01 2.8E+01 5.8E+01 5.8E+01	5.2E+01 5.2E+01 6.9E+01 6.9E+01 4.1E+01 4.3E+01 5.2E+01 8.3E+01 5.2E+01 8.3E+01 5000
2.98+00 8.08+00 9.78-01 9.78-01 9.78-01 9.78-01 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-00 9.58-0	EH-00 EH-00 EH-01 EH-01 EH-00 EH-00 EH-00 EH-00 EH-00 EH-00	2.9E+00 8.0E+00 70 70 1.1.E+00 2.7E+00 4.3E+00 9.5E+00 4.0E+01	2.9E+00 8.0E+00 100 1.7E+00 3.0E+00 4.3E+00 4.3E+00 4.0E+01 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	2.9E+00 8.0E+00 200 3.7E+00 3.7E+00 4.3E+00 9.5E+00 4.0E+01 4.0E+01	3.5E+00 8.8E+00 3.00 3.7E+00 3.7E+00 4.3E+00 4.0E+01 300 6.0E+00	500 4.2E+00 500 4.2E+00 4.2E+00 4.3E+00 4.3E+01 1.2E+01 4.0E+01 500	700 700 5.5E+00 5.5E+00 5.5E+00 5.5E+00 6.5E+00 1.4E+01 4.1E+01	1000 1.2E+01 1.2E+01 7.5E+00 7.5E+00 8.1E+00	2.3E+01 2.3E+01 2000 1.5E+01 1.5E+01 1.7E+01 3.1E+01 4.1E+01	3000 37E+01 37E+01 23E+01 2.8E+01 2.8E+01 5.8E+01 3000	5.2E+01 6.9E+01 6.9E+01 4.1E+01 4.3E+01 5.2E+01 8.3E+01 5.2E+01 8.3E+01 5000
30 30 30 2.7E+00 4.3E+00 9.5E+00 9.5E+00 3.5E+00 3.5E+00 1.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01 5.1E+01	S0 S0 E-01 E+00 E+00 E+00 E+01 E+01 E+01 E+00	70 70 71 2.7E+00 2.7E+00 9.5E+00 4.0E+01 7.0	8.0E+00 100 1.7E+00 3.0E+00 4.3E+00 9.5E+00 4.0E+01 100	8.0E+00	300 3.7E+00 3.7E+00 4.3E+00 4.0E+01 300 6.0E+00	500 500 4.2E+00 4.2E+00 4.3E+00 1.2E+01 4.0E+01	700 5.5E+00 5.5E+00 5.5E+00 5.5E+00 1.4E+01 4.1E+01	1.2E+01 1.000 7.5E+00 7.5E+00 8.1E+00	2.3E+01 2000 1.5E+01 1.7E+01 3.1E+01 4.1E+01	3.7E+01 3000 2.3E+01 2.3E+01 2.8E+01 4.8E+01 5.8E+01	5000 4.1E+01 4.3E+01 5.2E+01 8.3E+01 9.8E+01 5000
30 9.7E-01 4.2E-00 4.2E-00 9.5E-00 4.0E-01 3.5E-00 3.5E-00 1.1E-01 5.1E-01 5.1E-01 5.1E-01 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4E-00 8.4	\$0 E-01 E+00 E+00 E+00 E+01 E+01 E+01 E+00	70 2.7E+00 4.3E+00 9.5E+00 4.0E+01	100 1.7E+00 3.0E+00 4.3E+00 9.5E+00 4.0E+01 100	200 3.7E+00 3.7E+00 4.3E+00 9.5E+00 4.0E+01	300 3.7E+00 3.7E+00 4.3E+00 9.5E+00 4.0E+01 300 6.0E+00	500 4.2E+00 4.2E+00 4.3E+00 1.2E+01 4.0E+01	700 5.5E+00 5.5E+00 5.5E+00 5.5E+00 1.4E+01 4.1E+01	1000 7.5E+00 7.5E+00 8.1E+00	2000 1.5E+01 1.7E+01 3.1E+01 4.1E+01	3000 2.3E+01 2.3E+01 2.8E+01 4.8E+01 5.8E+01 3000	\$000 4.1E+01 4.3E+01 5.2E+01 8.3E+01 . 9.8E+01 5000
30 2.7B=00 4.3B=00 4.3B=00 4.0B=01 30 2.0B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01 5.1B=01	\$0 B-01 E+00 E+00 E+00 B+01 S0 E+00 E+00	70 1.1E+00 2.7E+00 4.3E+00 9.5E+00 4.0E+01	100 1.7E+00 3.0E+00 4.3E+00 9.5E+00 4.0E+01 100	200 3.7E+00 3.7E+00 4.3E+00 9.5E+00 4.0E+01	300 3.7E+00 4.3E+00 9.5E+00 4.0E+01 300 6.0E+00	500 4.2E+00 4.2E+00 4.3E+00 1.2E+01 4.0E+01	700 5.5E+00 5.5E+00 5.5E+00 1.4E+01 4.1E+01	1000 7.5E+00 7.5E+00 8.1E+00	2000 1.5E+01 1.5E+01 1.7E+01 3.1E+01 4.1E+01	3000 2.3E+01 2.3E+01 2.8E+01 4.8E+01 5.8E+01 3000	5000 4.1E+01 4.3E+01 5.2E+01 8.3E+01 9.8E+01 5000
2.7E-00 4.3E-00 9.5E-00 9.5E-00 1.0E-01 1.1E-01 5.1E-01 5.1E-00 1.2E-00 1.1E-01 5.1E-01 5.2E-00 1.4E-01 5.2E-00 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-01 1.4E-0	E-01 E+00 E+00 E+00 E+01 E+01 E+00 E+00	2.7E+00 2.7E+00 4.3E+00 9.5E+00 4.0E+01	1.7E+00 3.0E+00 4.3E+00 9.5E+00 4.0E+01 100	3.7E+00 3.7E+00 4.3E+00 9.5E+00 4.0E+01	3.7E+00 3.7E+00 4.3E+00 9.5E+00 4.0E+01 300 6.0E+00	4.2E+00 4.3E+00 1.2E+01 4.0E+01	5.5E+00 5.5E+00 5.5E+00 1.4E+01 4.1E+01	7.5E+00 7.5E+00 8.1E+00	1.5E+01 1.5E+01 1.7E+01 3.1E+01 4.1E+01	2.3E+01 2.3E+01 2.8E+01 4.8E+01 5.8E+01	4.1E+01 4.3E+01 5.2E+01 8.3E+01 9.8E+01
2.7B+00 2.7B+00 9.5E+00 4.0E+01 3.0E+00 6.0E+00 1.1E+01 5.1E+01 8.4E+00 8.4E+00 5.4E+00 8.4E+00 5.4E+00 6.6E+00 7.6E+00 7.6E+00 8.4E+00 7.6E+00 8.4E+00 7.6E+00 8.4E+00 7.6E+00 7.6E+00 8.4E+00 7.6E+00 7.6E+00 8.4E+00 7.6E+00 7.6E+00 8.4E+00 7.6E+00 7.6E+00 8.4E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6E+00 7.6	E+00 E+00 E+00 E+01 E+01 E+00	2.7E+00 4.3E+00 9.5E+01 4.0E+01	3.0E+00 4.3E+00 9.5E+00 4.0E+01 100	3.7E+00 4.3E+00 9.5E+00 4.0E+01	3.7E+00 4.3E+00 9.5E+00 4.0E+01 300 6.0E+00	4.2E+00 4.3E+00 1.2E+01 4.0E+01	5.5E+00 5.5E+00 1.4E+01 4.1E+01	7.5E+00 8.1E+00	1.5E+01 1.7E+01 3.1E+01 4.1E+01	2.3E+01 2.8E+01 4.8E+01 5.8E+01	4.3E+01 5.2E+01 8.3E+01 9.8E+01 5000
30 5.18±00 4.08±01 30 30 3.58±00 6.08±00 1.18±01 5.18±01 5.18±01 5.18±01 5.18±01 5.18±01 5.18±01 5.28±00 8.48±00 8.48±00 8.48±00 8.48±00 8.48±00 8.28±01 8.28±01 8.28±01	E+00 E+01 E+01 E+01 E+00 E+00	4.3E+00 9.5E+00 4.0E+01	4.3E+00 9.5E+00 4.0E+01 100	4.3E+00 9.5E+00 4.0E+01 200	4.3E+00 9.5E+00 4.0E+01 300 6.0E+00	4.3B+00 1.2B+01 4.0B+01	5.5E+00 1.4E+01 4.1E+01	8.1E+00	1.7E+01 3.1E+01 4.1E+01	2.8E+01 4.8E+01 5.8E+01	5.2E+01 8.3E+01 9.8E+01 5000
9.5E+00 4.0E+01 4.0E+01 3.5E+00 6.0E+00 1.1E+01 5.1E+01 5.4E+00 8.4E+00 6.2E+00 8.4E+00 6.2E+00 6.2E+00 8.4E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2E+01 6.2	E+00 E+01 E+00 E+00	9.5E+00 4.0E+01	9.5E+00 4.0E+01 100	9.5E+00 4.0E+01 200	9.5E+00 4.0E+01 300 6.0E+00	1.2E+01 4.0E+01	1.4E+01 4.1E+01	1 65.01	3.1E+01 4.1E+01	4.8E+01 5.8E+01	8.3E+01 . 9.8E+01 5000
30 30 30 3.02E+00 6.03E+00 1.18E+01 5.18E+01 3.0 4.2E+00 8.4E+00 8.4E+00 8.4E+00 8.2E+01 8.2E+01 8.2E+01	E+01 E+00 E+00	4.0E+01	100 100	4.0E+01 200	300 300 6.0E+00	4.0E+01	4.1E+01	1.65+01	4.1E+01	5.8E+01	. 9.8E+01
30 2.05+00 3.55+00 6.05+00 1.15+01 5.15+01 30 4.25+00 4.25+00 8.45+00 8.45+00 1.45+01 8.45+01 8.45+01 8.25+01	50 E+00 E+00	92	100	200	300 6.0E+00	200		4.1E+01		3000	2000
30 3.5B+00 6.0B+00 1.1B+01 5.1B+01 30 2.6B+00 4.2B+00 8.4B+00 8.4B+00 1.4B+01 5.5B+01 8.4B+00 8.4B+00 8.4B+00 8.4B+00 8.4B+00 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01 8.4B+01	50 E+00 E+00	20	100	200	300 6.0E+00	200				3000	2000
3.5E+00 6.0E+00 1.1E+01 5.1E+01 30 2.6E+00 4.2E+00 8.4E+00 1.4E+00 5.9E+01 8.2E+01 8.2E+01	B+00	۱۵/	2 4E+00		6.0E+00	222	200	1000	2000	,,,,,	
3.5E+00 6.0E+00 1.1E+01 5.1E+01 3.0 2.6E+00 4.2E+00 8.4E+01 5.9E+01 8.2E+01	E+00	2.3E+00	J.4E.TUV	5.1E+00		6.0E+00	6.6E+00	9.3E+00	1.9E+01	3.0E+01	5.4E+01
30 2.05+00 3.0 3.0 2.05+00 3.0 2.05+00 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3		3.5E+00	3.9E+00	5.1E+00	6.0E+00	6.0E+00	6.6E+00	9.3E+00	1.9E+01	3.0E+01	5.4E+01
30 2.6E+00 4.2E+00 8.4E+00 1.4E+01 5.9E+01 8.2E+01	6.0E+00	6.0E+00	6.0E+00	6.0E+00	6.0E+00	6.0E+00	. 00+E99	9.3E+00	1.9E+01	3.0E+01	5.5E+01
30 2.6E+00 4.2E+00 8.4E+00 1.4E+01 5.9E+01 8.2E+01	+	1.1E+01	1.1E+01	1.1E+01	1.1E+01	1.2E+01	1.4E+01	1.6E+01	3.1E+01	4.8E+01	8.3E+01
30 2.6E+00 4.2E+00 8.4E+00 1.4E+01 5.9E+01 8.2E+01	5.1E+01	5.1E+01	5.1E+01	5.1E+01	5.1E+01	5.1E+01	5.1E+01	5.1E+01	6.2E+01	7.8E+01	1.2E+02
30 2.6E+00 4.2E+00 8.4E+00 1.4E+01 5.9E+01 8.2E+01											
2.6E+00 4.2E+00 8.4E+00 1.4E+01 5.9E+01 8.2E+01	20	70	100	200	300	200	700	1000	2000	3000	2000
8.4E+00 8.4E+00 1.4E+01 5.9E+01 8.2E+01	E+00	3.0E+00	4.2E+00	6.3E+00	9.2E+00	9.2E+00	1.0E+01	1.4E+01	2.5E+01	3:7E+01	6.3E+01
8.4E+00 1.4E+01 5.9E+01 8.2E+01	E+00	4.2E+00	4.7E+00	6.3E+00	9.2E+00	9.2E+00	1.0E+01	1.4E+01	2.5E+01	3.7E+01	6.3E+01
5.9E+01 8.2E+01	E+00	8.4E+00	8.4E+00	9.2E+00	9.2E+00	9.2E+00	1.0E+01	1.4E+01	2.5E+01	3.7E+01	6.3E+01
8.2E+01	1.4E+01	1.4E+01	1.4E+01	1.4E+01	1.4E+01	1.4E+01	1.5E+01	1.6E+01	3.1E+01	4.8E+01	8.3E+01
8.2E+01	E+01	5.9E+01	5.9E+01	5.9E+01	5.9E+01	5.9E+01	5.9E+01	5.9E+01	7.0E+01	1.0E+02	1.5E+02
	E+01	8.2E+01	8.2E+01	8.2E+01	8.2E+01	8.2E+01	8.2E+01	8.2E+01	8.2E+01	1.1E+02	1.7E+02
ht (m) 30	20	70	100	200	300	200	700	1000	2000	3000	2000
3.3E+00	3.4E+00	3.9E+00	5.5E+00	1.1E+01	1.7E+01	1.7E+01	1.7E+01	1.7E+01	3.3E+01	5.0E+01	8.6E+01
6.5E+00	6.5E+00	6.5E+00	7.6E+00	1.1E+01	1.7E+01	1.7E+01	1.7E+01	1.7E+01	3.3E+01	5.0E+01	8.6E+01
1.1E+01	1.1E+01	1.1E+01	1.1E+01	1.2E+01	1.7E+01	1.7E+01	1:7E+01	1.7E+01	3.3E+01	5.0E+01	8.6E+01
1.7E+01	1.7E+01	1.7E+01	1.7E+01	1.7E+01	1.7E+01	1.7E+01	1.7E+01	1.7E+01	3.3E+01	5.0E+01	8.6E+01
8.0E+01	8.0E+01	8.0E+01	8.0E+01	8.0E+01	8.0E+01	8.0E+01	8.0E+01	8.0E+01	8.5E+01	1.2E+02	1.9E+02
1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.9E+02	2.4E+02
m 0											
nr (m) 30	20	70	100	200	300	200	700	1000	2000	3000	2000
+	1.3E+01	1.3E+01	1.3E+01	1.5E+01	2.1E+01	2.1E+01	2.1E+01	2.1E+01	4.0E+01	6.0E+01	9.8E+01
2.18+01	2.1E+01	2.1E+01	2.1E+01	2.1E+01	2.1E+01	2.1E+01	2.1E+01	2.1E+01	4.0E+01	6.0E+01	9.8E+01
/0 1.1E+02 1.1E+02	1.1E+02	1.1E+02	1.1E+02	1.1E+02	1.1E+02	1.1E+02	1.1E+02	1.1E+02	1.1E+02	1.5E+02	2.3E+02

								-				
Stack Diameter = 0.3 m	= 0.3 m				Cistair	Distance to property boundary (m)	nunoa Aus	ary (m)				
Stack Height (m)	8	20	02	100	200	300	200	200	1000	2000	3000	2000
9	3.9E+00	5.1E+00	7.6E+00	9.6E+00	1.6E+01	2.4E+01	4.3E+01	5.3E+01	6.2E+01	1.1E+02	1.7E+02	3.1E+02
10	9.7E+00	9.8E+00	1.1E+01	1.4E+01	2.0E+01	2.6E+01	4.6E+01	5.3E+01	6.2E+01	1.1E+02	1.7E+02	3.1E+02
8	2.2E+01	2.2E+01	2.2E+01	2.2E+01	2.5E+01	3.5E+01	5.3E+01	7.0E+01	9.5E+01	1.8E+02	2.8E+02	4.9E+02
30	3.9E+01	3.9E+01	3.9E+01	4.0E+01	4.4E+01	5.7E+01	9.0E+01	1.2E+02	1.7E+02	3.1E+02	4.5E+02	7.5E+02
20	1.2E+02	1.2E+02	1.2E+02	1.2E+02	1.2E+02	1.4E+02	1.9E+02	2.6E+02	3.6E+02	6.7E+02	9.7E+02	1.5E+03
Stack Diameter = 0.5 m	= 0.5 m		1									
Stack Height (m)	33	22	۰70	100	200	90	200	200	1000	2000	3000	2000
2	6.9E+00	9.8E+00	1.5E+01	1.8E+01	3.2E+01	4.6E+01	7.5E+01	9.7E+01	1.2E+02	1.6E+02	2.1E+02	3.6E+02
9	1.3E+01	1.4E+01	1.5E+01	2.0E+01	3.7E+01	5.1E+01	7.9E+01	9.7E+01	1.2E+02	1.6E+02	2.2E+02	3.6E+02
20	3.5E+01	3.5E+01	3.5E+01	3.6E+01	4.6E+01	6.2E+01	8.1E+01	9.7E+01	1.2E+02	2.1E+02	3.0E+02	5.2E+02
30	5.2E+01	5.2E+01	5.2E+01	5.2E+01	5.3E+01	6.4E+01	9.8E+01	1.3E+02	1.8E+02	3.2E+02	4.7E+02	7.7E+02
8	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.4E+02	2.0E+02	2.7E+02	3.7E+02	6.8E+02	9.7E+02	1.5E+03
Stack Diameter = 1.0 m	= 1.0 m											
Stack Height (m)	8	20	2	9	700	300	200	200	1000	2000	3000	2000
2	3.0E+01	3.4E+01	3.8E+01	5.1E+01	9.0E+01	1.2E+02	1.7E+02	2.2E+02	2.7E+02	4.3E+02	5.0E+02	6.1E+02
20	5.5E+01	5.5E+01	5.5E+01	5.8E+01	9.0E+01	1.2E+02	1.7E+02	2.2E+02	2.7E+02	4.3E+02	5.0E+02	7.1E+02
90	9.6E+01	9.6E+01	9.6E+01	9.6E+01	1.1E+02	1.2E+02	1.7E+02	2.2E+02	2.7E+02	4.3E+02	5.8E+02	8.8E+02
20	1.7E+02	1.7E+02	1.7E+02	1.7E+02	1.7E+02	1.7E+02	2.2E+02	2.9E+02	4.0E+02	7.3E+02	1.0E+03	1.6E+03
02	7.0E+02	7.0E+02	7.0E+02	7.0E+02	7.0E+02	7.0E+02	7.6E+02	9.9E+02	1.3E+03	2.0E+03	2.6E+03	3.8E+03
Stack Diameter =	= 1.5 m											
Stack Height (m)	30	20	20	100	200	300	200	200	1000	2000	3000	2000
10	3.9E+01	5.0E+01	6.1E+01	7.5E+01	1.2E+02	2.0E+02	2.5E+02	3.4E+02	4.6E+02	7.2E+02	8.6E+02	1.0E+03
20	7.1E+01	7.1E+01	7.2E+01	7.5E+01	1.2E+02	2.0E+02	2.5E+02	3.4E+02	4.6E+02	7.2E+02	8.6E+02	1.1E+03
30	1.2E+02	1.2E+02	1.2E+02	1.2E+02	1.5E+02	2.0E+02	2.5E+02	3.4E+02	4.6E+02	7.2E+02	8.6E+02	1.1E+03
2	2.2E+02	2.2E+02	2.2E+02	2.2E+02	2.2E+02	2.2E+02	2.5E+02	3.4E+02	4.6E+02	-8.1E+02	1.1E+03	1.7E+03
0/	9.6E+02	9.6E+02	9.6E+02	9.6E+02	9.6E+02	9.6E+02	1.0E+03	1.3E+03	1.7E+03	2.9E+03	3.8E+03	5.5E+03
Stack Diameter = 2.0 m	= 2.0 m											
Stack Height (m)	8	20	02	100	200	300	200	700	1000	2000	3000	2000
10	4.7E+01	6.0E+01	7.3E+01	9.2E+01	1.7E+02	2.6E+02	3.2E+02	4.2E+02	5.6E+02	9.7E+02	1.3E+03	1.5E+03
20	8.8E+01	8.8E+01	8.8E+01	9.4E+01	1.7E+02	2.6E+02	3.2E+02	4.2E+02	5.6E+02	9.7E+02	1.3E+03	1.7E+03
30	1.5E+02	1.5E+02	1.5E+02	1.5E+02	1.8E+02	2.6E+02	3.2E+02	4.2E+02	5.6E+02	9.7E+02	1.3E+03	1.7E+03
20	2.7E+02	2.7E+02	2.7E+02	2.7E+02	2.7E+02	2.7E+02	3.2E+02	4.2E+02	5.6E+02	9.7E+02	1.3E+03	1.9E+03
0/	1.35+03	1.3E+03	1.3E+03	1.3E+03	1.3E+03	1.3E+03	1.4E+03	1.7E+03	2.2E+03	3.2E+03	4.1E+03	5.9E+03
Ctack Diameter - 2.8E+	2.85+03	2.8E+03	2.8E+03	2.8E+03	2.8E+03	2.8E+03	2.8E+03	2.8E+03	3.3E+03	5.0E+03	6.5E+03	7.7E+03
iach Diameter	3.0 111											
Stack Height (m)	30	22	٩	5	700	300	200	902	1000	2000	3000	2000
9	6.2E+01	6.5E+01	7.3E+01	9.2E+01	2.1E+02	3.3E+02	5.1E+02	7.0E+02	9.3E+02	1.2E+03	1.5E+03	1.5E+03
20	1.5E+02	1.5E+02	1.6E+02	1.9E+02	2.4E+02	3.5E+02	5.3E+02	7.0E+02	9.3E+02	1.4E+03	2.0E+03	2.8E+03
8	1.9E+02	1.9E+02	1.9E+02	1.9E+02	2.4E+02	3.5E+02	5.3E+02	7.0E+02	9.3E+02	1.6E+03	2.1E+03	2.8E+03
8	4.0E+02	4.0E+02	4.0E+02	4.0E+02	4.2E+02	4.8E+02	5.3E+02	7.0E+02	9.3E+02	1.6E+03	2.1E+03	2.8E+03
20	2.2E+03	2.2E+03	2.2E+03	2.2E+03	2.2E+03	2.3E+03	2.3E+03	2.8E+03	3.4E+03	3.9E+03	4.7E+03	6.6E+03
Stack Diameter = 4.0 m	3.35+03	3.3E+03	3.3E+03	3.3E+03	3.3E+03	3.3E+03	3.3E+03	3.3E+03	3.7E+03	6.0E+03	7.1E+03	8.2E+03
Stack Height (m)	5	5	4	400	000	000	902					
98	235+02	235+02	235402	2 4 = 100	207300	000	300	30,	000	2000	3000	0000
05	4.8E+02	4 8F+02	4 8F+02	4 8F+02	5.05.02	3.3E+02	7.75-02	1.05+03	135403	2.75.03	2.65+03	4.15+03
02	2.4E+03	2.4E+03	2.4F+03	2 4F+03	2 55403	2,01,102	207.02	1.05.03	20110	2.35+03	3.05+03	4.ZE+03
			-	3								L

	2000			-								
Stack Diameter = 0.3 m	. 0.3 m				DISTANC	Distance to property boundary (m)	rry bound	ary (m)				-
Stack Height (m)	30	50	70	100	200	300	200	200	1000	2000	3000	2000
5	1.4E+00	1.9E+00	2.6E+00	3.8E+00	6.8E+00	9.4E+00	1.5E+01	2.1E+01	3.3E+01	8.1E+01	1.4E+02	2.7E+02
10	4.0E+00	4.0E+00	4.6E+00	6.4E+00	6.8E+00	9.4E+00	1.5E+01	2.1E+01	3.3E+01	8.1E+01	1.4E+02	2.7E+02
20	1.1E+01	1.1E+01	1.1E+01	1.1E+01	1.2E+01	1.5E+01	2.4E+01	3.5E+01	5.4E+01	1.3E+02	2.1E+02	4.0E+02
30	2.3E+01	2.3E+01	2.3E+01	2.3E+01	2.5E+01	3.3E+01	4.4E+01	5.5E+01	7.3E+01	1.6E+02	2.7E+02	5.2E+02
50	7.3E+01	7.3E+01	7.3E+01	7.3E+01	7.3E+01	8.3E+01	9.0E+01	9.0E+01	9.0E+01	2.1E+02	3.5E+02	6.8E+02
Stack Districts (-) DI	E 0.0											
olack neight (m)	00	6	2	001	200	300	200	700	1000	2000	3000	2000
9	1.9E+00	2.7E+00	3.7E+00	5.9E+00	1.4E+01	1.7E+01	2.4E+01	3.5E+01	5.4E+01	1.0E+02	1.6E+02	3.0E+02
10	5.6E+00	5.6E+00	6.4E+00	8.9E+00	1.4E+01	1.7E+01	2.4E+01	3.5E+01	5.4E+01	1.0E+02	1.6E+02	3.0E+02
70	1.6E+01	1.6E+01	1.6E+01	1.6E+01	1.6E+01	1.7E+01	2.4E+01	3.5E+01	5.4E+01	1.3E+02	2.1E+02	4.0E+02
80	2.7E+01	2.7E+01	2.7E+01	2.7E+01	2.7E+01	3.3E+01	4.4E+01	5.8E+01	8.5E+01	1.8E+02	2.9E+02	5.5E+02
99	7.6E+01	7.6E+01	7.6E+01	7.6E+01	7.6E+01	8.3E+01	1.1E+02	1.3E+02	1.3E+02	2.4E+02	3.9E+02	7.2E+02
	= 1.0 m								,			
Stack Height (m)	30	50	. 02	100	200	300	200	200	1000	2000	3000	2000
. 01	1.0E+01	1.0E+01.	1.2E+01	1.7E+01	3.9E+01	3.9E+01	4.5E+01	5.8E+01	7.9E+01	1.6E+02	2.4E+02	4.4E+02
20	2.6E+01	2.6E+01	2:6E+01	2.8E+01	3.9E+01	3.9E+01	4.5E+01	5.8E+01	7.9E+01	1.6E+02	2.4E+02	4.5E+02
30	4.2E+01	4.2E+01	4.2E+01	4.2E+01	4.2E+01	4.2E+01	4.5E+01	5.8E+01	8.5E+01	1.8E+02	2.9E+02	5.5E+02
20	8.9E+01	8.9E+01	8.9E+01	8.9E+01	8.9E+01	8.9E+01	1.1E+02	1.4E+02	1.7E+02	3.3E+02	5.0E+02	8.7E+02
70	3.8E+02	3.8E+02	3.8E+02	3.8E+02	3.8E+02	3.8E+02	3.8E+02	4.0E+02	4.1E+02	4.3E+02	6.1E+02	1.0E+03
Stack Diameter = 1.5 m	= 1.5 m											
Stack Height (m)	30	90	02	100	200	300	200	200	1000	2000	3000	2000
10	2.1E+01	2.1E+01	2.5E+01	3.6E+01	5.4E+01	6.3E+01	6.3E+01	6.9E+01	9.8E+01	2.0E+02	3.2E+02	5.7E+02
70	3.3E+01	3.3E+01	3.3E+01	3.7E+01	5.4E+01	6.3E+01	6.3E+01	6.9E+01	9.8E+01	2.0E+02	3.2E+02	5.7E+02
30	6.3E+01	6.3E+01	6.3E+01	6.3E+01	6.3E+01	6.3E+01	6.3E+01	6.9E+01	9.8E+01	2.0E+02	3.2E+02	5.8E+02
20	1.0E+02	1.0E+02	1.0E+02	1.0E+02	1.0E+02	1.0E+02	1.2E+02	1.4E+02	1.7E+02	3.3E+02	5.0E+02	8.7E+02
02	4.8E+02	4.8E+02	4.8E+02	4.8E+02	4.8E+02	4.8E+02	4.8E+02	4.8E+02	4.8E+02	6.5E+02	8.2E+02	1.3E+03
	= 2.0 m											
Stack Height (m)	30	50	70	100	200	300	200	700	1000	2000	3000	2000
10	2.7E+01	2.7E+01	3.2E+01	4.4E+01	6.6E+01	9.7E+01	9.7E+01	1.1E+02	1.5E+02	2.6E+02	3.9E+02	6.6E+02
20	4.0E+01	4.0E+01	4.0E+01	4.4E+01	6.6E+01	9.7E+01	9.7E+01	1.1E+02	1.5E+02	2.6E+02	3.9E+02	6.6E+02
30	7.9E+01	7.9E+01	7.9E+01	7.9E+01	9.1E+01	9.7E+01	9.7E+01	1.1E+02	1.5E+02	2.6E+02	3.9E+02	6.6E+02
S	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.3E+02	1.4E+02	1.7E+02	3.3E+02	5.0E+02	8.7E+02
e ;	5.6E+02	5.6E+02	5.6E+02	5.6E+02	5.6E+02	5.6E+02	5.6E+02	5.6E+02	5.6E+02	7.3E+02	1.1E+03	1.5E+03
	8.6E+02	8.65+02	8.6E+02	8.6E+02	8.6E+02	8.6E+02	8.6E+02	8.6E+02	8.6E+02	8.6E+02	1.2E+03	1.7E+03
	# 3.0 H									-		
Stack Height (m)	30	20	0,	100	200	300	200	700	1000	2000	3000	2000
9	3.55-01	3.5E+01	4.1E+01	5.8E+01	1.2E+02	1.6E+02	1.8E+02	1.8E+02	1.8E+02	3.5E+02	5.2E+02	9.0E+02
20	6.2E+01	6.2E+01	6.2E+01	7.2E+01	1.2E+02	1.6E+02	1.8E+02	1.8E+02	1.8E+02	3.5E+02	5.2E+02	9.0E+02
8	1.0E+02	1.0E+02	1.0E+02	1.0E+02	1.2E+02	1.6E+02	1.8E+02	1.8E+02	1.8E+02	3.5E+02	5.2E+02	9.0E+02
20	1.8E+02	1.8E+02	1.8E+02	1.8E+02	1.8E+02 -	1.8E+02	1.8E+02	1.8E+02	1.8E+02	3.5E+02	5.2E+02	9.0E+02
20	7.5E+02	7.5E+02	7.5E+02	7.5E+02	7.5E+02	7.5E+02	7.5E+02	7.5E+02	7.5E+02	8.9E+02	1.3E+03	2.0E+03
Ctack Diamoter - 4 0 m	1.4E+03	1.4E+03	1.4E+03	1.4E+03	1.4E+03	1.4E+03	1.4E+03	1.4E+03	1.4E+03	1.4E+03	2.0E+03	2.6E+03
Stack Diameter	= 4.0 m				1							
Stack Height (m)	8	20	2	9	200	300	200	200	1000	2000	3000	2000
8	1.2E+02	1.2E+02	1.2E+02	1.2E+02	1.4E+02	2.0E+02	2.2E+02	2.2E+02	2.2E+02	4.2E+02	6.3E+02	1.0E+03
9	2.2E+02	2.2E+02	2.2E+02	2.2E+02	2.2E+02	2.2E+02	2.2E+02	2.2E+02	2.2E+02	4.2E+02	6.3E+02	1.0E+03
2	1.0E+03	1.0E+03	1.0E+03	1.0E+03	1.0E+03	1.0E+03	1.0E+03	1.0E+03	1.0E+03	1.1E+03	1.6E+03	2.4E+03
100	1.6E+03	1.6E+03	1.6E+03	1.6E+03	1.6E+03	1.6E+03	1.6E+03	1.6E+03	1.6E+03	1.6E+03	2.3E+03	3.6E+03

[70 FR 59565, Oct. 12, 2005, as amended at 73 FR 18982, Apr. 8, 2008]

EMISSIONS STANDARDS AND OPERATING LIMITS FOR SOLID FUEL BOILERS, LIQ-UID FUEL BOILERS, AND HYDROCHLORIC ACID PRODUCTION FURNACES

# §63.1216 What are the standards for solid fuel boilers that burn hazardous waste?

- (a) Emission limits for existing sources. You must not discharge or cause combustion gases to be emitted into the atmosphere that contain:
- (1) For dioxins and furans, either carbon monoxide or hydrocarbon emis-

sions in excess of the limits provided by paragraph (a)(5) of this section;

- (2) Mercury in excess of 11  $\mu$ gm/dscm corrected to 7 percent oxygen;
- (3) For cadmium and lead combined, except for an area source as defined under  $\S63.2$ , emissions in excess of 180  $\mu gm/dscm$ , corrected to 7 percent oxygen;
- (4) For arsenic, beryllium, and chromium combined, except for an area source as defined under §63.2, emissions in excess of 380 μgm/dscm, corrected to 7 percent oxygen;
- (5) For carbon monoxide and hydrocarbons, either: